

2025

COMPONENTS

12-24 Volt



Salvarani

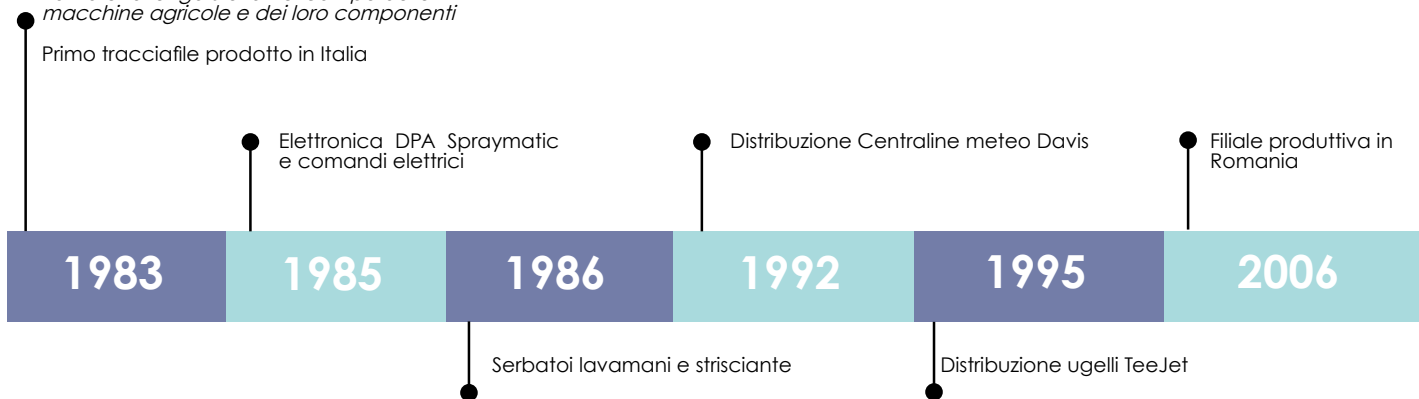
INNOVATION IS OUR NATURE

La nostra storia

La mia storia inizia nel 1970, ero ragazzo e con i miei genitori Giovanna ed Italo che lavoravano in un'importante azienda di irroratrici, "Carpi Pompe",
Li aiutavo dopo la scuola e con loro visitavo le fiere di settore. Finiti gli studi ho iniziato a lavorare nella medesima azienda sulle macchine innovative, come la "scatola nera" e i controlli elettronici. A quel tempo quelle macchine erano le più evolute del mercato italiano, e montavano un "Tracciafile" di importazione USA. Ho visto in questo prodotto un'innovazione per far nascere una mia azienda.

Pier Giorgio Salvarani

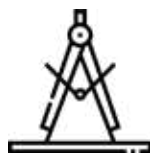
Salvarani nasce nel 1983 in un Garage a Poviglio nel cuore dell'Emilia Romagna, regione che vanta una lunga storia nel campo delle macchine agricole e dei loro componenti



I NOSTRI VALORI



INNOVAZIONE
Innovation



PRECISIONE
DI LAVORO
Working precision



AFFIDABILITA'
DEL PRODOTTO
Product reliability



ASSISTENZA
POST VENDITA
Assistance after sale



TUTELA
ALL'AMBIENTE
Environmental protection

L'AZIENDA HA 2 SEDI IN EUROPA:



🇮🇹 Salvarani s.r.l. Sede centrale Poviglio (Reggio Emilia), Italia

🇷🇴 Salvarani Rom, Romania

🇮🇹 MARCHI IN VENDITA:

Salvarani affianca alla propria produzione alcuni marchi in esclusiva per il mercato italiano:
TeeJet® per ugelli e accessori per l'irrorazione,
SHURflo® per pompe a membrana 12V,
Davis Instruments® per le centraline meteorologiche,
Aams



🇬🇧 Salvarani history

My story begins in 1970, I was a young boy and my parents Giovanna and Italo were working for an important sprayer manufacturer, "Carpi Pompe". For this reason, we were often talking about these products and after the school I used to help my father and visit trade fairs with him. After my studies I started working in the same company in the department dedicated to innovative machines, such as the "black box" and electronic controllers. At that time, those machines were among the most advanced ones on the Italian market, and were mounting a "foam marker" imported from the US. There I saw an innovation to start a company.

Pier Giorgio Salvarani

Salvarani company starts in 1983 in a garage in Poviglio in the heart of Emilia Romagna, a region which boasts a long history in agricultural machinery and its components.

Salvarani supports its production with some exclusive brands for the Italian market: TeeJet® with nozzles and spraying accessories, SHURflo® with 12 Volt diaphragm pumps and Davis Instruments® with weather stations.

The company has 2 offices in Europe:

Salvarani s.r.l. Head office in Poviglio (Reggio Emilia), Italy
Salvarani Rom in Romania



Acquisizione della società AAMS

Impianto pannelli solari fotovoltaici per coprire il fabbisogno annuo elettrico dell'azienda

Collaborazione con
sprayLogics
FIELD SENSING TECHNOLOGIES

2010

2012

2018

2022

2024

Produzione banchi prova
irroratrici

Costruzione magazzino

I NOSTRI PRODOTTI



PRODOTTI
HI-TECH



SERVIZI
SPECIALIZZATI



PROGETTI
PERSONALIZZATI



CLASSIFICABILI IN 4 PRINCIPALI CATEGORIE:

1

Accessori per l'agricoltura e macchine a lenta movimentazione

3

Compressori a secco per autoveicoli

2

Sistemi di misurazione di precisione per taratura e certificazione irroratrici

4

Componenti elettrici ed elettronici

Most important stages:

1983 First foam marker produced in Italy
1985 DPA Spraymatic Electronic and electrical controls
1986 Hand-wash tank and stabilizing springs for booms
1992 Distribution of Davis Weather stations
1995 Distribution of TeeJet nozzles
2006 Production branch in Romania
2010 Production of test equipment
2012 Take-over of AAMS company
Nowadays Salvarani is a dynamic company offering a complete range of products and components for agricultural machinery and slow-motion equipment.

Salvarani products are classifiable into 4 main categories:
Accessories for agriculture and slow-motion machinery.
Precision measuring systems for sprayers' calibration and certification.
Electrical and electronic components.
Oil free compressors for vehicles.

Salvarani priorities:

- Innovation
- Working precision
- Product reliability
- Assistance and after sale support
- Environmental protection

All this results in high technological standard products and specialized services able to guarantee competitiveness and economic advantages to manufacturing companies, sales networks and end users.
Furthermore, the company offers its experience to develop customized projects according to customers' needs.

For other language translation look the penultimate page



2025_00



Box P45-P90

IP53

Box P45-P90

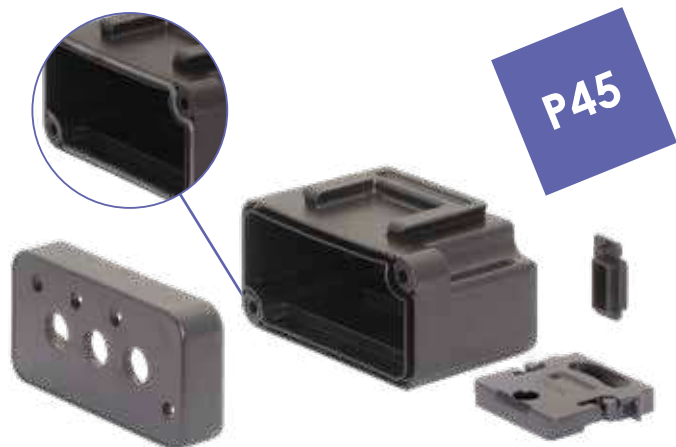
IP53

Pulsantiere in PC/ASA, per controllo macchine operatrici dagli ingombri ridotti.

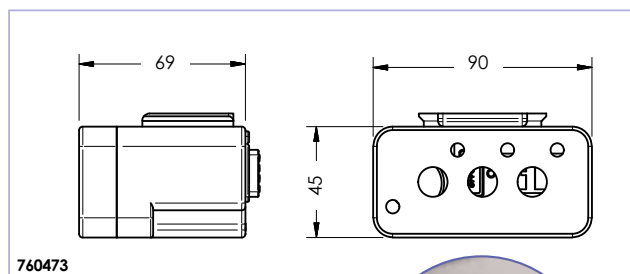
- Sovrapposizione delle pulsantiere e incastro a slitta;
- alimentazione passante IN-OUT;
- predisposizione per schede elettriche e schede fusibile;
- adattabili ad un'ampia gamma di supporti commerciali;
- grado di protezione fino a IP53.

PC / ASA pushbutton panels, to control operating machines with reduced dimensions.

- Overlapping of push-button panel with slide joint;
- IN-OUT pass-through power supply;
- predisposition for electrical boards and fuse boards;
- adaptable to a wide range of commercial media;
- degree of protection up to IP53.

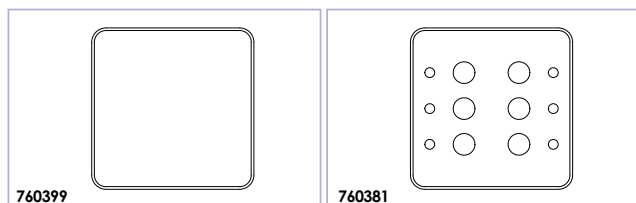


| Cod. | Description | Material | # | IP Grade | |
|--------|-------------|----------|---|----------|---|
| 760473 | Kit BOX P45 | PC/ASA | 6 | IP53 | 1 |



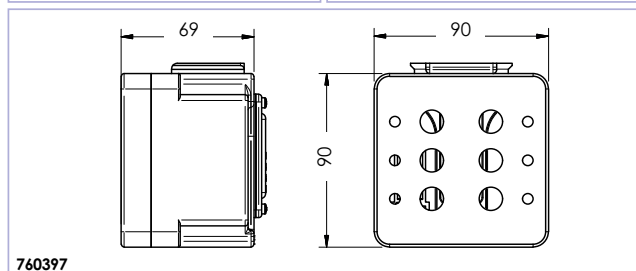
760397

P90



760399

760381



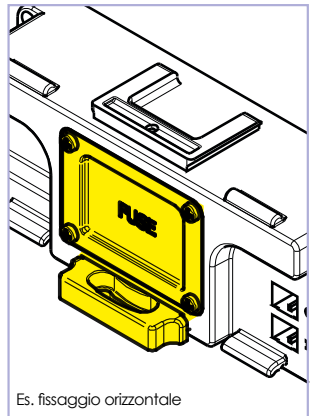
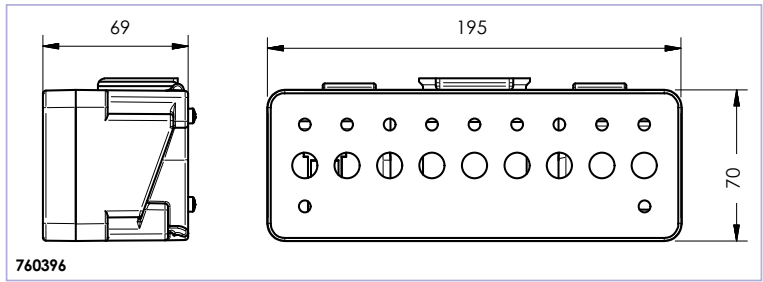
760397

| Cod. | Description | Material | # | IP Grade | |
|--------|-------------------------|----------|---|----------|---|
| 760397 | Kit BOX P90 | PC/ASA | 6 | IP53 | 1 |
| 760399 | Frontale box P90 neutro | PC/ASA | - | | 1 |
| 760381 | Frontale box P90 6 fori | PC/ASA | 6 | | 1 |

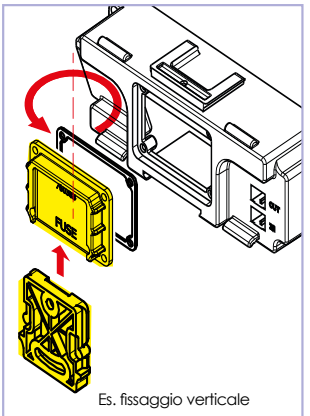
NEW



P190



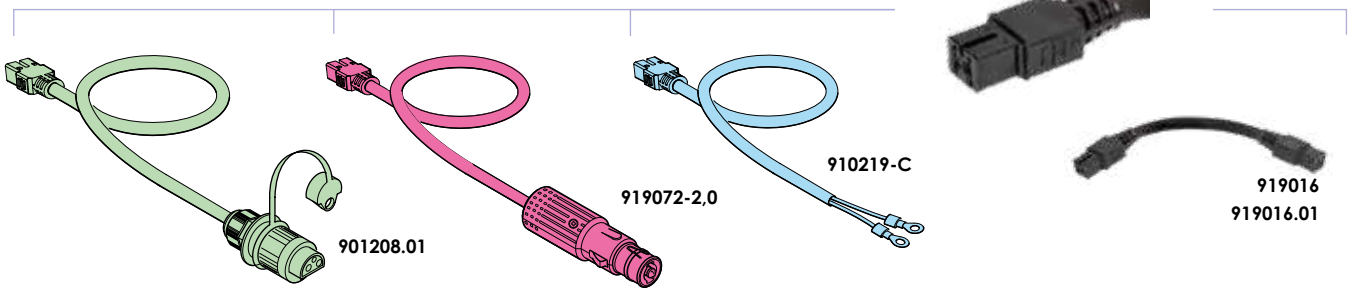
Es. fissaggio orizzontale



Es. fissaggio verticale

| Cod. | Description | Material | # | IP Grade | |
|--------|-------------|----------|---|----------|---|
| 760396 | Kit BOX 190 | PC/ASA | 9 | IP53 | 1 |

■ Cavo di alimentazione per box A56/A110 - ■ Power cable for A56/A110 boxes



| Cod. | Refer. | Wires Section (mm ²) | Connectors type | A | L (m) | |
|------------|--------|----------------------------------|-----------------|-----|-------|---|
| 901208.01 | | 2 x 2,5 | 25A plug | 16A | 2 | 1 |
| 919072-2.0 | | 2 x 1,5 | light up | 10A | 2 | 1 |
| 910219-C | | 2 x 2,5 | not connected | 16A | 2 | 1 |
| 919016 | | 2 x 2,5 | female faston | 16A | 0,1 | 1 |
| 919016.01 | | 2 x 2,5 | female faston | 16A | 0,4 | 1 |

Box P50

IP43

- Realizzata in poliammide (PA6+30GF);
- 3 alloggiamenti per fusibili a lama (posti sul lato inferiore);
- 2 passaggi per i cavi con fermacavo (posti sul lato posteriore);
- supporto di fissaggio snodato con 7 diversi angoli di regolazione;
- grado di protezione IP43.

Box P50

IP43

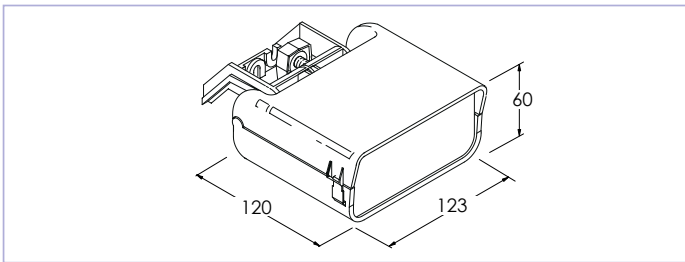
- Box for electric controls made in polyamide (PA6+30GF);
- 3 housings for blade fuses (located on the lower side);
- 2 cable passages with fastener (located on the rear side);
- swivel fixing support with 7 different adjusting corners;
- IP43 protection.



760146

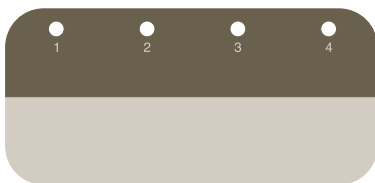


Fino a 3 fusibili
Up to 3 fuses



| Cod. | Material | Color | IP Grade | |
|----------|---------------------|-------|----------|----|
| 760105 | Polyamide | | IP43 | 10 |
| 760105-Y | | | | 10 |
| 760146 | Fuse locking jumper | | | 50 |

ET474

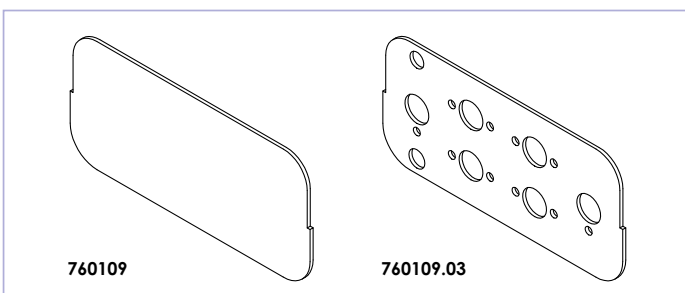


760109.05

ET475



760109.01



760109

760109.03

| Cod. | Description | Material | # \emptyset | LED | |
|-----------|-----------------------|---------------|---------------|-----|----|
| 760109.01 | Front panel w/ holes | Polypropylene | 5 | 10 | 10 |
| 760109.03 | Front panel w/ holes | Aluminium | 6 | 0 | 10 |
| 760109.05 | Front panel w/ holes | Polypropylene | 4 | 8 | 10 |
| 760109 | Front panel w/o holes | Aluminium | 0 | 0 | 1 |
| ET474 | 4 holes sticker | | | | 1 |
| ET475 | 5 holes sticker | | | | 1 |

Box A56 / A110

P54

Box A56 / A110

IP54

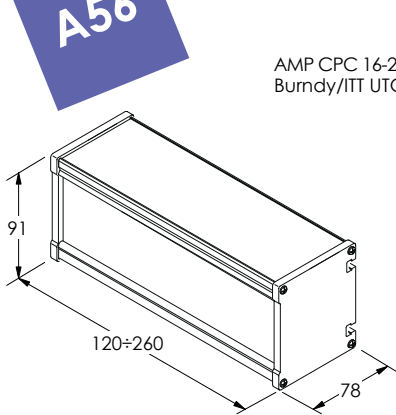
Profilo di alluminio, disponibile in diverse lunghezze.
 • scheda portafusibili per fusibili a lama completa di relè di accensione con protezione contro l'inversione di polarità;
 • alimentazione passante IN-OUT;
 • guide posteriori per il fissaggio;
 • grado di protezione fino a IP54 (versioni con doppie chiusure laterali);

Aluminium profile available in various lengths.
 • fuse board for blade fuses with starter relay for reverse polarity protection;
 • feedthrough power;
 • rear fixing guides;
 • IP54 protection (versions with double lateral closing).

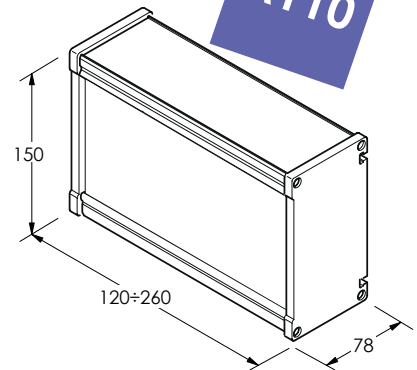
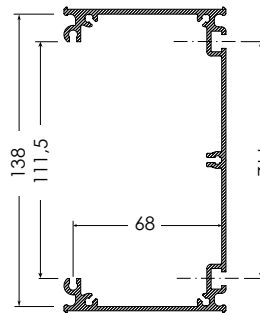
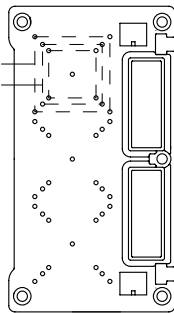


A56

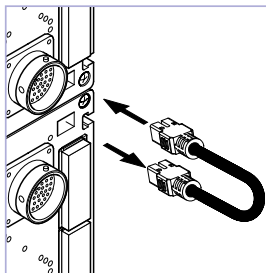
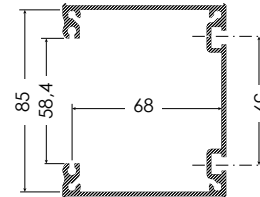
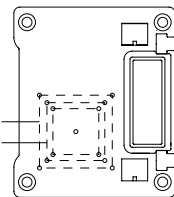
A110



AMP CPC 16-24-37
Bumdy/IIT UTG 28



AMP CPC 16-24-37
Bumdy/IIT UTG 28



Schede Alimentazione

Power boards

• Scheda portafusibili con fusibili a lama STD;
 • relè di accensione con protezione contro inversione di polarità;
 • l'interruttore agisce sul relè attivando le connessioni interne;
 • corrente massima 25 A. A56 max 4 fuse, A110 max 8 fuse.

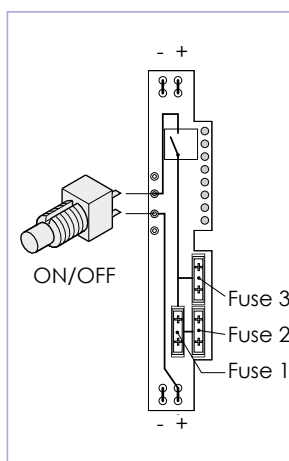
Predisposizione per collegamento esterno di un pulsante di accensione generale ON/OFF.



405125
(A56)



405117.06
(A110)












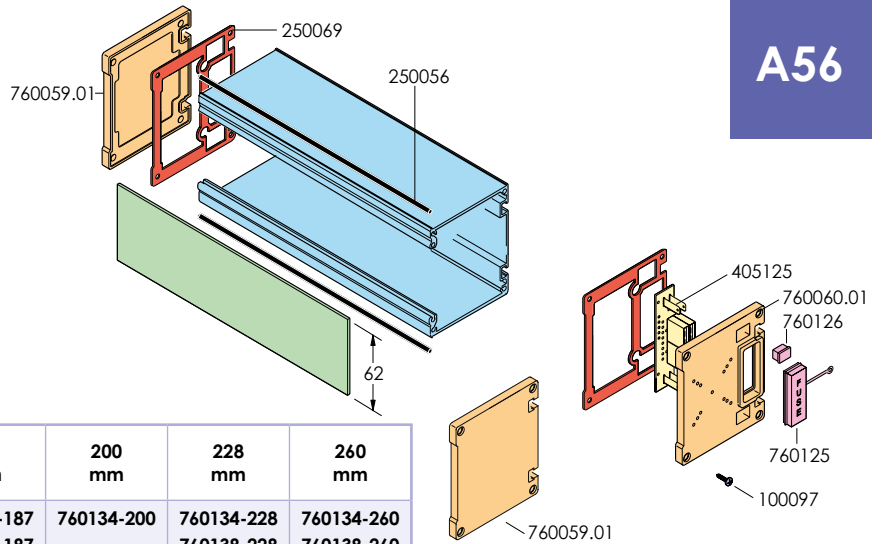
• Fuse board with STD blade fuses;
 • starter relay with polarity inversion protection;
 • internal connections activated via switch;
 • max current 25A. A56 max 4 fuse, A110 max 8 fuse



Set-up for external connection of ON/OFF button.

| Cod. | Box | n° STD | Relais Relè | A |
|-----------|------|--------|-------------|----|
| 405125 | A56 | 2 | • | 25 |
| 405117.06 | A110 | 3 | • | 25 |











A56

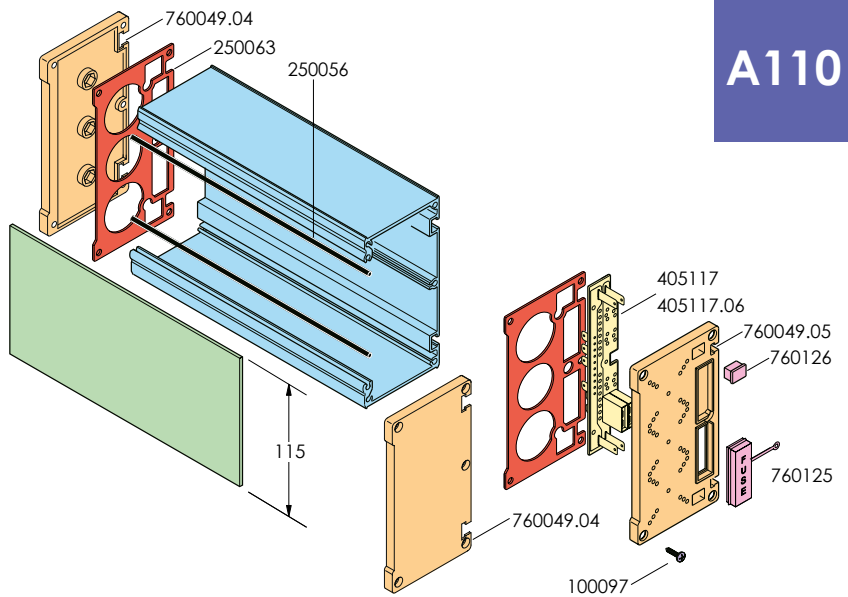
| Cod. | Refer. |  |
|-----------|---|---|
| 250069 |  | 2 |
| 250056 |  | mt. |
| 405125 |  | 1 |
| 760059.01 |  | 1 |
| 760060.01 |  | 1 |
| 100097 |  | 100 |
| 760125 |  | 1 |
| 760126 |  | 1 |





| Ref. | 90 mm | 120 mm | 160 mm | 187 mm | 200 mm | 228 mm | 260 mm |
|---|-----------|------------|------------|------------|------------|------------|------------|
|  | 760134-90 | 760134-120 | 760134-160 | 760134-187 | 760134-200 | 760134-228 | 760134-260 |
|  | - | 760138-120 | 760138-160 | 760138-187 | - | 760138-228 | 760138-260 |

A110


| Cod. | Refer. |  |
|-----------|---|--|
| 250063 |  | 2 |
| 250056 |  | mt. |
| 405117 |  | 1 |
| 405117.06 |  | 1 |
| 760049.04 |  | 1 |
| 760049.05 |  | 1 |
| 100097 |  | 100 |
| 760125 |  | 1 |
| 760126 |  | 1 |

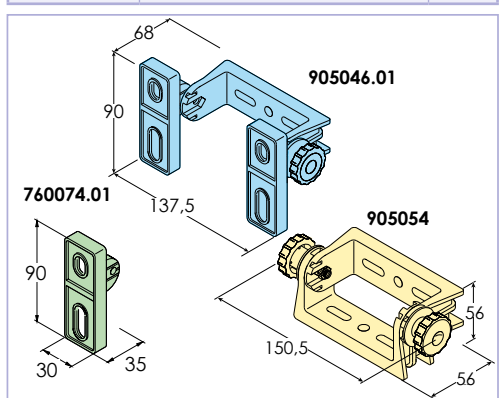


| Ref. | 120 mm | 125 mm | 140 mm | 160 mm | 170 mm | 175 mm | 187 mm | 200 mm | 228 mm | 260 mm | 350 mm |
|---|------------|------------|------------|------------|------------|------------|------------|------------|-----------|------------|------------|
|  | 760123.01 | 760133-125 | 760133-140 | 760133-160 | 760133-170 | 760133-175 | 760094.01 | 760133-200 | 760048.01 | 760072.01 | 760133-350 |
|  | 760057-120 | - | - | 760057-160 | - | 760057-175 | 760057-187 | - | 760057 | 760057-260 | 760057-350 |

Supporti per Box - Supports for Boxes



| Cod. | Description |  |
|-----------|-------------------------------|---|
| 905046.01 | Adjustable swivel support kit | 1 |
| 760074.01 | Plastic support | 1 |
| 905054 | Adjustable swivel support kit | 1 |

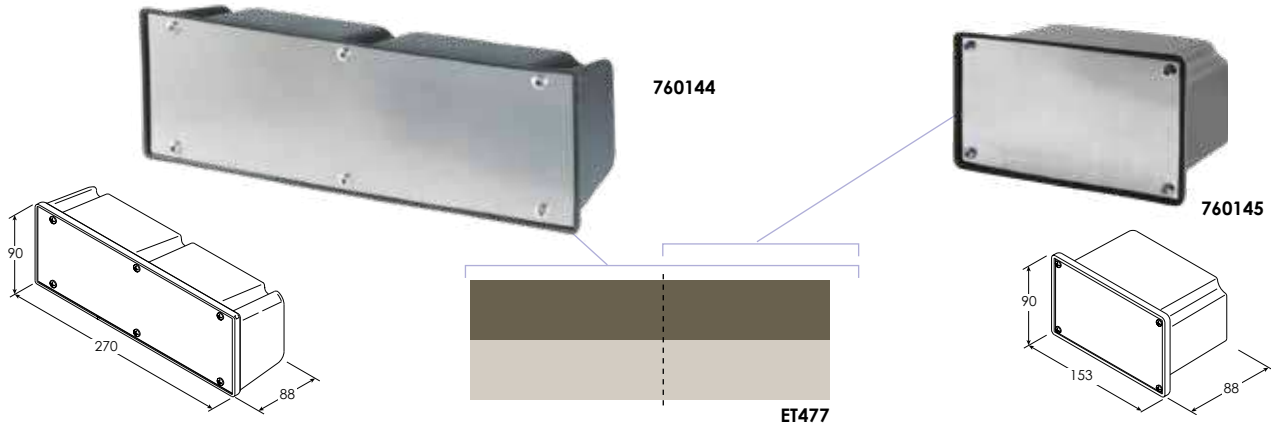


ABS Box 270x90

IP64

ABS Box 150x90

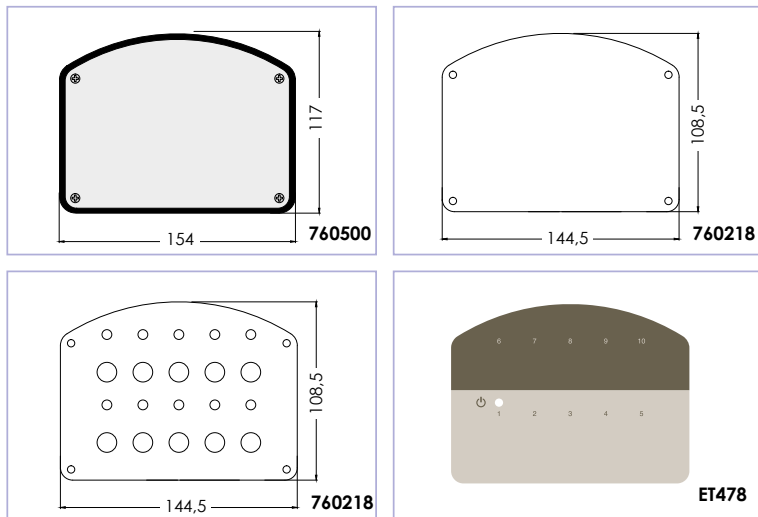
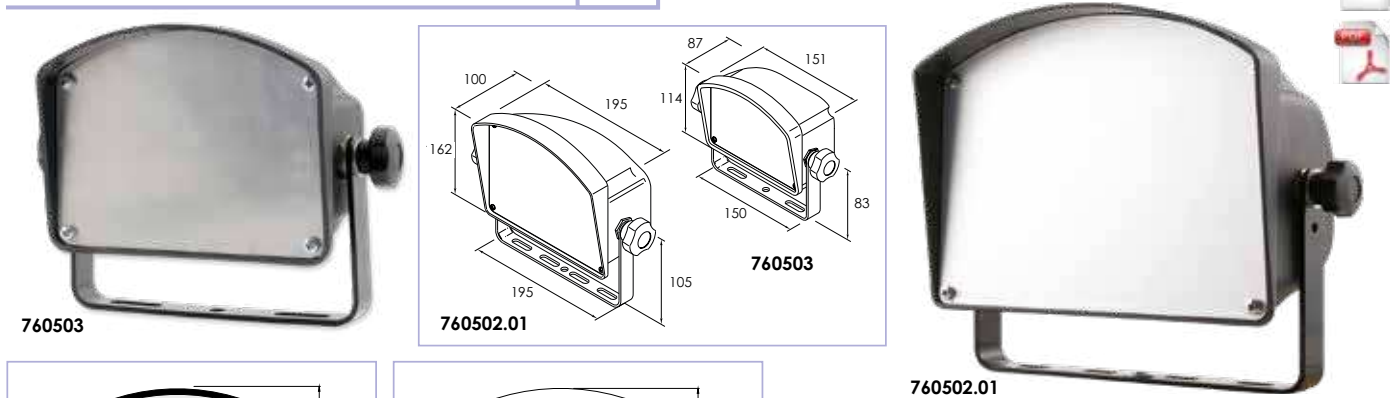
IP64



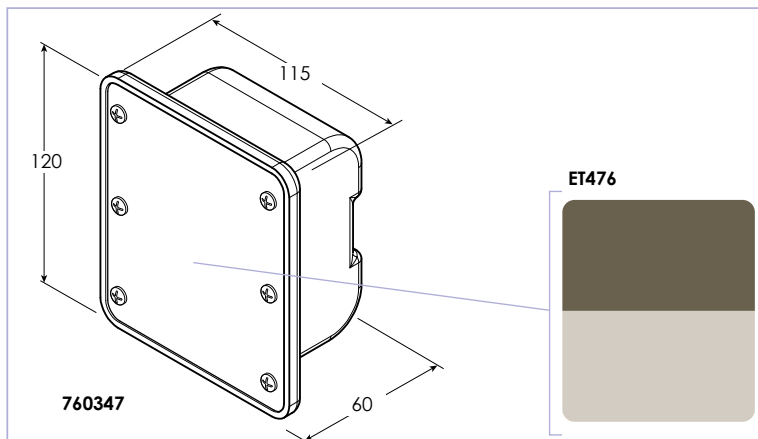
| Cod. | Description | Material | # Ø | # LED | IP Grade | | Cod. | Description | Material | # Ø | IP Grade | |
|--------|--------------|----------|-----|-------|----------|---|--------|--------------|----------|-----|----------|---|
| 760144 | Kit Box P270 | ABS | | | IP64 | 1 | 760145 | Kit Box P150 | ABS | | IP64 | 1 |

Box ABS P140-P180

IP54



| Cod. | Description | Material | # Ø | IP Grade | |
|-----------|---------------------------|----------|-----|----------|---|
| 760500 | Kit box P140 | ABS | | IP54 | 1 |
| 760503 | Kit box P140 w/ support | | | | 1 |
| 760218 | Aluminium panel w/o holes | Aluminum | - | | 1 |
| 760220 | Aluminium panel w/ holes | Aluminum | 10 | | 1 |
| ET478 | Sticker w/ 1-10 numbering | | | | 1 |
| 760502.01 | Kit box P180 w/ support | ABS | | IP54 | 1 |



Box ABS 115x120

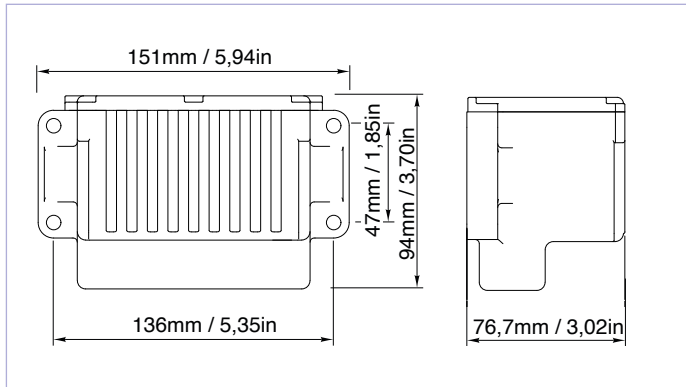
IP65



P 63 x 106

IP65

Scatola a tenuta IP65. Adatta per il comando diretto di elettrovalvole. IP65 sealed box. Suitable for direct control of solenoid valves.

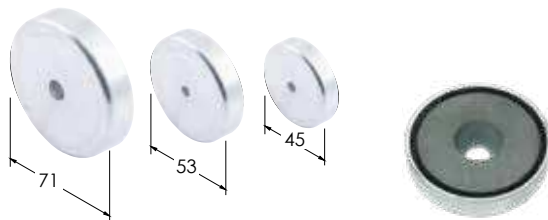


760414

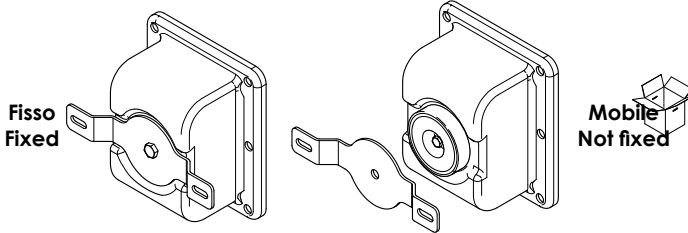
| Cod. | Description | Material | |
|--------|------------------|----------|---|
| 760414 | Kit Box 63 x 106 | PA 66 | 1 |

Magneti per fissaggio box - Magnets for box fixing

| Cod. | Kg MAX | | | | |
|--------|----------------|--------|--------|--------|---|
| | | ø (mm) | ø (mm) | h (mm) | |
| 401906 | 7 | 45 | 4,5 | 10 | 1 |
| 401907 | 13 | 53 | 6,5 | 11 | 1 |
| 401908 | 22 | 71 | 10,5 | 15 | 1 |
| 760339 | Box fixing kit | | | | 1 |



Esempi di utilizzo del kit supporto - Kit support example use



| Cod. | Description | Material | # | IP Grade | |
|--------|-----------------|----------|---|----------|---|
| 760347 | Kit Power box 4 | ABS | | IP65 | 1 |

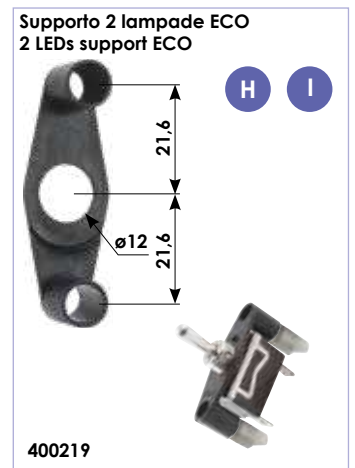
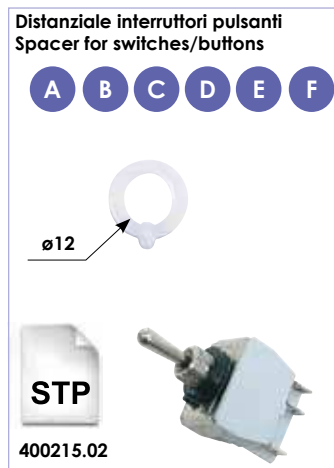
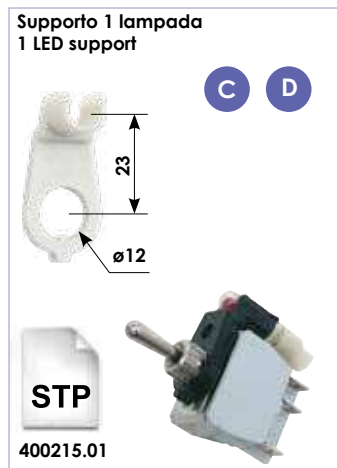
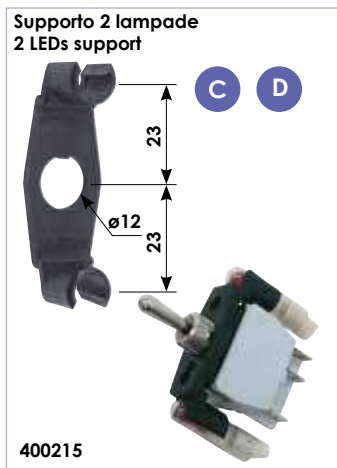


Supporti per LED e distanziale - LED supports and spacer



Supporto per LED. Permette il montaggio di LED abbinati a un interruttore. Impediscono l'accidentale rotazione dell'interruttore. LED support. Enables fitting of LED's connected to a switch. Prevents accidental rotation of the switch.

| Cod. | n° Lamps | Switch series | |
|-----------|----------|---------------|-----|
| 400215.01 | 1 | APEM series | 50 |
| 400215 | 2 | | 50 |
| 400215.02 | - | | 100 |
| 400219 | 2 | ECO series | 50 |



RAM



| Cod. | Cod. RAM | Model | Size | Combine |
|-----------|--------------|---|----------|-------------------------|
| 760213 | RAM-B-166U | Supporto Snodato Con Ventosa RAM-B Completo | B | P90 - P190 |
| 760413 | | Supporto Snodato senza Ventosa RAM-B Completo | B | P90 - P190 |
| 760417 | | Kit supporto RAM-B a forcella | B | P90 - P190 |
| 760432 | RAP-B-166-2U | Supporto Snodato con Ventosa RAP-B Completo | B | P90 - P190 |
| 760260 | | Supporto snodato RAM C | C | P90 - P190 |
| 905054 | | Kit Supporto Snodato | | A56 - A110 |
| 905046.01 | | Kit Supporto Box Snodato A110 | | A56 - A110 |
| 401908 | | Magnete D.71 Foro D.10,5 | | A56 - A110 - P90 - P190 |



| Cod. | Cod. RAM | | Size | Diametro | Supporto | |
|-----------|---------------|--|-----------|----------|--------------|----------|
| 760433 | RAM-B-273-M6U | | M6 | B | 24,5mm 1" | M6 |
| 760213.02 | RAM-B-238U | | M5 | B | 24,5mm 1" | Piano |
| 760416 | RAM-B-235U | | | B | 24,5mm 1" | Tubo |
| 760213.01 | RAM-B-201U | | | B | 24,5mm 1" | Morsetto |
| 760415 | RAM-B-224-1U | | | B | 24,5mm 1" | Vetro |
| 760260.02 | RAM-202U | | | C | 38mm 1,5" | Piano |
| 760260.01 | RAM-201U | | | C | 38mm 1,5" | Morsetto |

Supporti - Supports

| Cod. | Model | Size | Combine |
|-----------|---|------|---------|
| 760382.02 | Attacco slitta P109 a L | | P190 |
| 760460 | Kit supporto attacco slitta profilo tondo | | P90 |
| 760418 | Supporto attacco ram | | P90 |

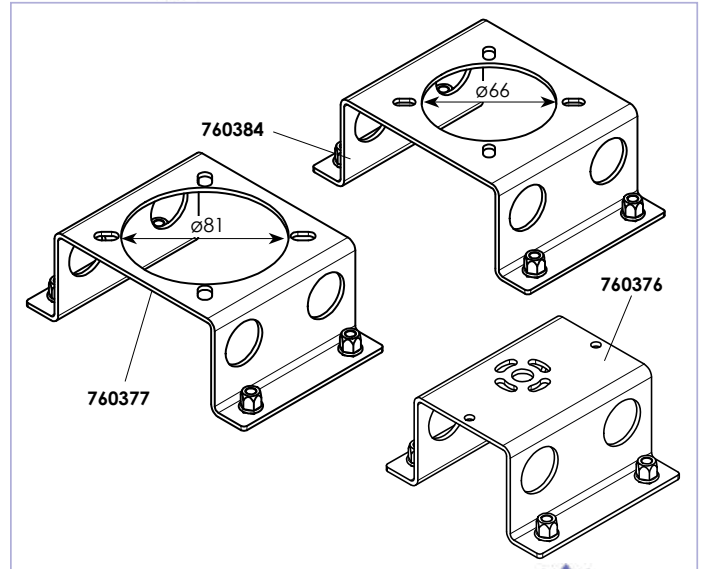


Bracciolo Large - Armrest Large

■ Soluzione ergonomica per il comando di sistemi elettroidraulici. Possibilità di integrare joystick con base mobile a doppio asse. Varie configurazioni realizzabili.

■ Ergonomic solution to control electrohydraulic systems. Possibility to integrate 2-axes joystick handles. Various configurations possible.

Nota: 760376 necessario solo in caso di montaggio joystick. Note: 760376/760377 needed only when mounting joysticks.



Example

Emergency button (optional)

Optional emergency button
Bottone facoltativo di emergenza

Configurable

Configurable zone with buttons or toggle switches
Zona configurabile con pulsanti o interruttori a levette



Joystick (optional)


Available fixed or on four axes
Disponibile fisso o su quattro assi

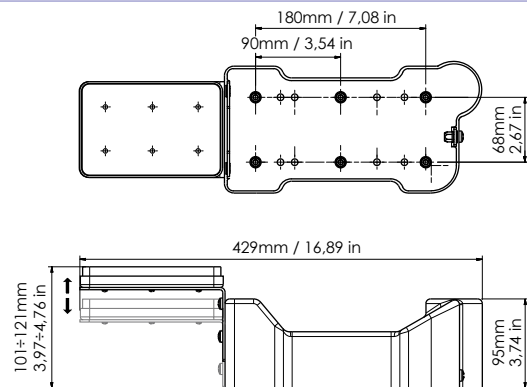


Regolabile
Adjustable

Armrest

Adjustable armrest
Bracciolo regolabile

| Cod. | Description | Material |  |
|--------|---|-------------------|---|
| 760370 | Armrest closing plate | Aluminum | 1 |
| 760372 | Armrest carter | ABS | 1 |
| 760374 | Back plate + Padding | Aluminum/ABS/EPDM | 1 |
| 760376 | Joystick support plate | Aluminum | 1 |
| 760377 | 2 axes on-off joystick support plate (David Brown, Faber) | Aluminum | 1 |
| 760384 | 2 axes prop. joystick support plate (SDA, Unify, Walvoil) | Aluminum | 1 |



Bracciolo Small - Armrest Small

■ ■ Soluzione ergonomica per il comando di sistemi elettroidraulici. **■ ■** Ergonomic solution to control electrohydraulic systems. Varie configurazioni realizzabili. Various configurations possible.

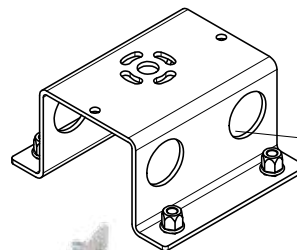
Nota: 760376 necessario solo in caso di montaggio joystick. Note: 760376 needed only when mounting joystick.



760371



760374



760376



760369



Example

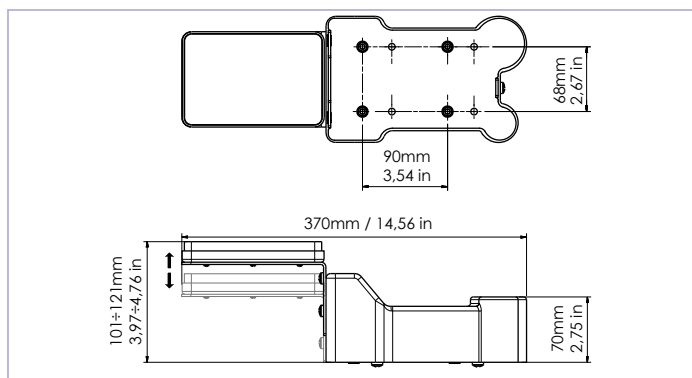
Amrest
Adjustable armrest
Bracciolo regolabile

Configurable
Configurable zone with buttons or toggle switches
Zona configurabile con pulsanti o interruttori a levette

Joystick (optional)
Available fixed
Disponibile fisso

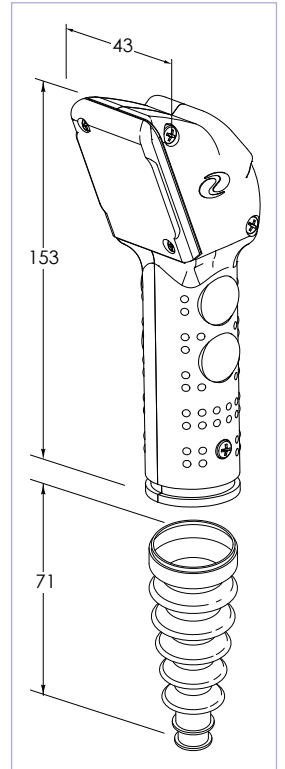
Emergency button (optional)
Optional emergency button
Bottone facoltativo di emergenza

| Cod. | Description | Material | |
|--------|------------------------|-------------------|---|
| 760369 | Armrest closing plate | Aluminum | 1 |
| 760371 | Armrest carter | ABS | 1 |
| 760374 | Back plate + Padding | Aluminum/ABS/EPDM | 1 |
| 760376 | Joystick support plate | Aluminum | 1 |



Joystick CN 4+4

760236 IP43



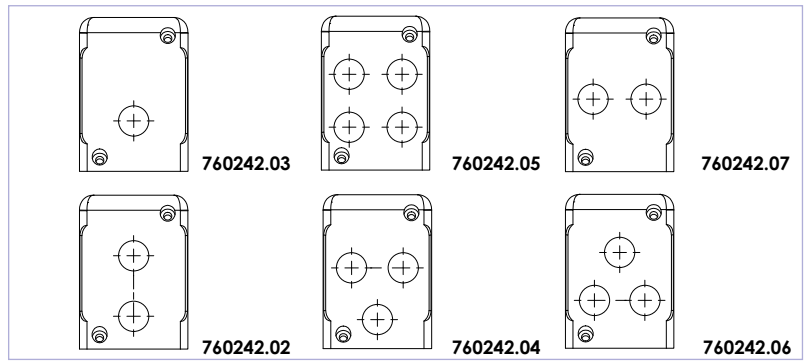
Frontalini senza foratura con predisposizione fino a 4 fori ø12. Front panels without holes suitable for up to 4 holes ø12.

760242.01 Frontalino con rec- 760242.01 Front panel with rec-
tura rettangolare per interruttori tangular hole for switches type K.
tipo K.

Dimensione spacco 22 x 29,80. Hole size 22x29,80. Joystick situa-
Joystick predisposto per 4 fori ble for up to 4 holes ø12.
ø12.

| Int. #/ø | Front Panel | Int. #/ø | Handle |
|----------|-------------|----------|--------|
| A/B 4 | | G 2 | |
| G 4 | | G 2 | |
| E/F 4 | | G 2 | |
| K 1 | | G 2 | |

Esempi delle configurazioni disponibili
Examples of possible configurations



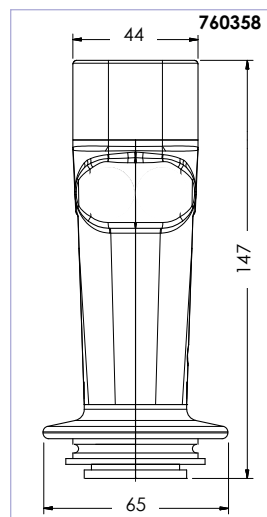
| Cod. | Description | Material | #/ø | IP Grade | |
|-----------|---------------------------------|----------------|-----|----------|---|
| 760236 | Kit joystick 4 | Polyamide | | IP43 | 1 |
| 760238 | Bellow for joystick 4 | Nitrile rubber | | IP43 | 1 |
| 760242 | Front panel flat w/o holes | Polyamide | - | | 1 |
| 760242.01 | Front panel w/ rectangular hole | Polyamide | - | | 1 |
| 760242.02 | Front panel w/ holes | Polyamide | 2 | | 1 |
| 760242.03 | Front panel w/ holes | Polyamide | 1 | | 1 |
| 760242.04 | Front panel w/ holes | Polyamide | 3 | | 1 |
| 760242.05 | Front panel w/ holes | Polyamide | 4 | | 1 |
| 760242.06 | Front panel w/ holes | Polyamide | 3 | | 1 |
| 760242.07 | Front panel w/ holes | Polyamide | 2 | | 1 |
| 760321 | Front panel inclined w/o holes | Polyamide | - | | 1 |

Joystick CN 4+2

760358 IP66



760358-Kit



| Cod. | Description | Material | IP Grade | |
|--------|--------------|-----------|----------|---|
| 760358 | Joystick 4+2 | Polyamide | IP66 | 1 |

Joystick con predisposizione per 4 fori $\varnothing 12$. Joystick suitable for up to 4 holes $\varnothing 12$.

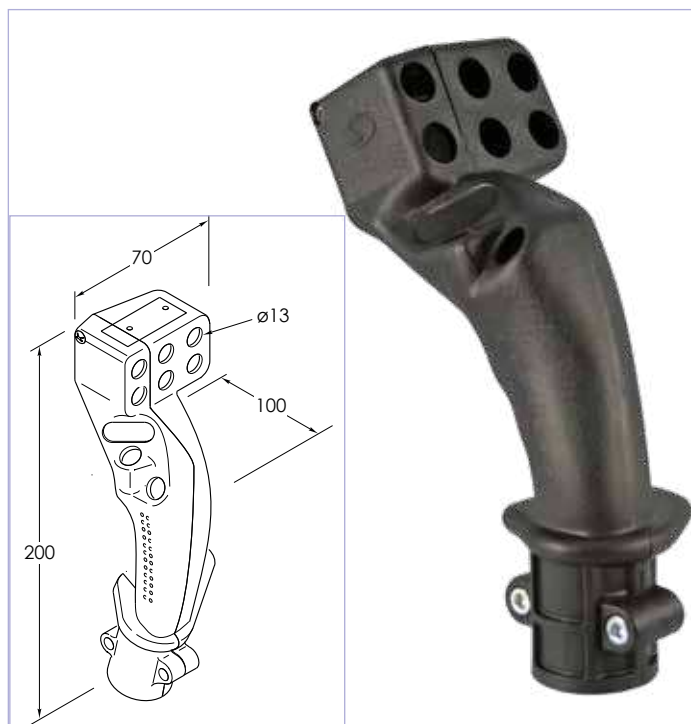
| Int. # \varnothing | Front Panel | Int. # \varnothing | Handle |
|----------------------|-------------|----------------------|--------|
| G 4 | | G 2 | |
| M/O 1 | | G 2 | |

Esempi delle configurazioni possibili
Examples of possible configurations

Joystick DX 6+2

760156 IP41

Joystick con 6 fori nel frontale e 2 nell'impugnatura, $\varnothing 13$. Joystick with 6 holes in the front panel and 2 in the handle, $\varnothing 13$.



| Int. # \varnothing | Front Panel | Int. # \varnothing | Handle |
|----------------------|-------------|----------------------|--------|
| A/B 6 | | G 2 | |
| E/F 6 | | G 2 | |
| G 6 | | G 2 | |

Esempi delle configurazioni disponibili
Examples of possible configurations

Accessori Joystick - Joystick Accessories



KIT 921004.01



921004 dettaglio / detail

| Cod. | Description | Material | # \varnothing | IP Grade | |
|--------|------------------|-----------|-----------------|----------|---|
| 760156 | Kit joystick 6+2 | Polyamide | 6+2 | IP41 | 1 |

| Cod. | Description | |
|-----------|--------------------|---|
| 921004.01 | Kit sticker holder | 1 |

Joystick DX 4+2

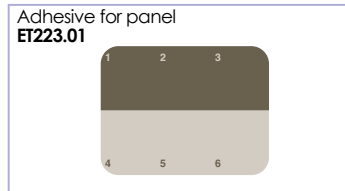
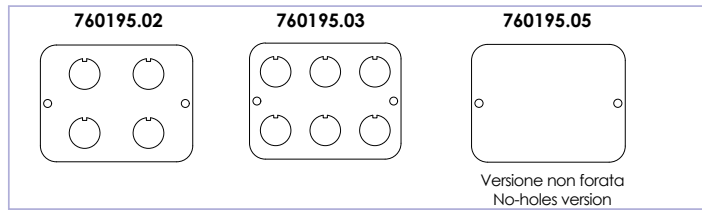
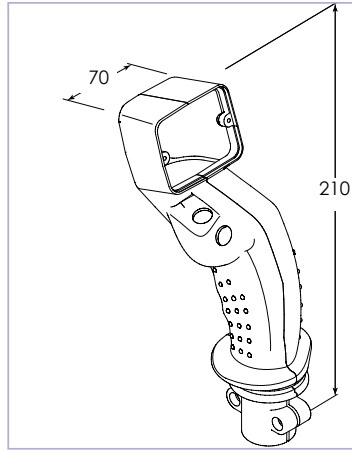
760191 IP41

Joystick con predisposizione per 2 fori ø12.

Frontalino con predisposizione fino a 6 fori ø12.

Joystick suitable for 2 holes ø12.

Front panel suitable for up to 6 holes ø12.



| Cod. | Description | Material | # \emptyset | IP Grade | |
|-----------|--------------------------|-----------|---------------|----------|---|
| 760191 | Kit joystick 4/6+2 | Polyamide | | IP41 | 1 |
| 760195.02 | Front panel w/ holes | Aluminium | 4 | | 1 |
| 760195.03 | Front panel w/ holes | | 6 | | |
| 760195.05 | Front panel w/o holes | | - | | |
| ET223.01 | Sticker w/ 1-6 numbering | | | | 1 |
| ET223.03 | Sticker w/o numbering | | | | |



760191 - Kit

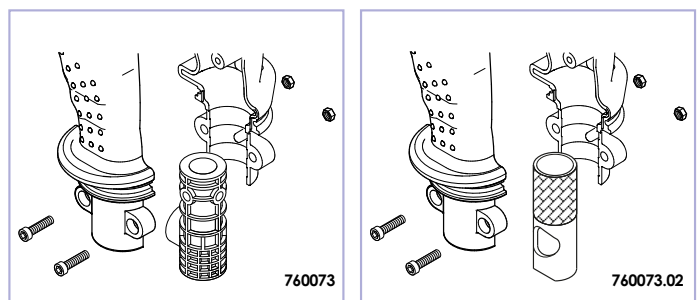
| Int. # \emptyset | Front Panel | Int. # \emptyset | Handle |
|--------------------|-------------|--------------------|--------|
| A/B 6 | | G 2 | |
| E/F 6 | | G 2 | |

Esempi delle configurazioni disponibili
Examples of possible configurations

Accessori Joystick - Joystick Accessories



| Cod. | Description | Body Material | Threading | |
|-----------|-----------------------------|------------------|-----------|----|
| 760237 | Bushing for 4 axes Joystick | Polyamide | M10 | 1 |
| 760073 | Bushing for Joystick | Polyamide | M12 | 1 |
| 760073.01 | Bushing for Joystick | Polyamide | M10 | 1 |
| 760073.02 | Bushing for Joystick | Galvanized Steel | M12 | 1 |
| 760394 | Bushing for Joystick | Aluminum | UNF 7/8 | 1 |
| 400024 | Snap cap D.12,7 | | | 50 |



Joystick DX 8+2

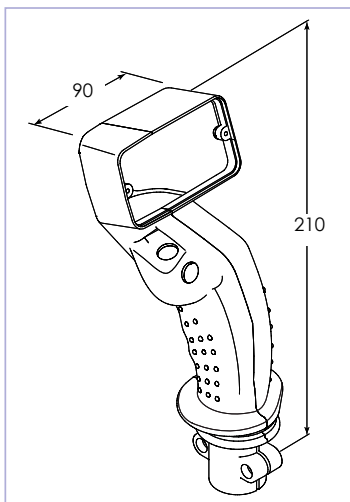
760168 IP41

Joystick con predisposizione per 2 fori $\varnothing 12$.

Frontalini abbinabili con 8 o 11 fori, $\varnothing 12$.

Joystick suitable for 2 holes $\varnothing 12$.

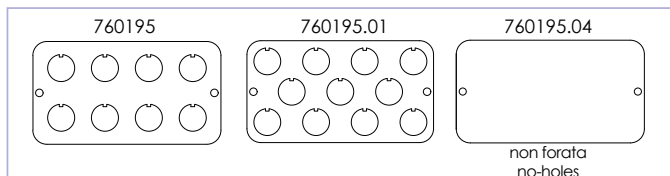
Combinable front panels with 8 or 11 holes, $\varnothing 12$.



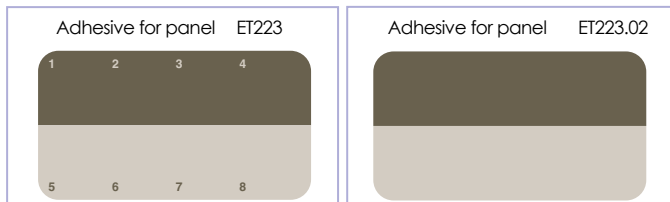
760168-Kit

| Int. # | Front Panel | Int. # | Handle |
|--------|-------------|--------|--------|
| A/B 8 | | G 2 | |
| E/F 8 | | G 2 | |

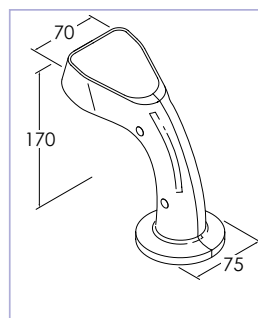
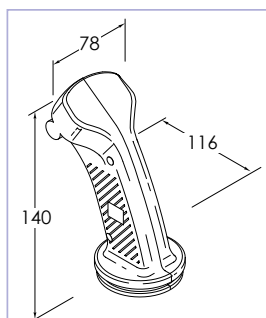
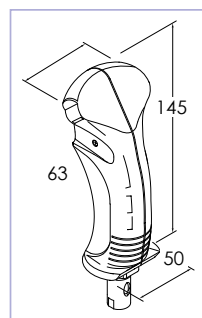
Esempi delle configurazioni disponibili
Examples of possible configurations



| Cod. | Description | Material | # | IP Grade | |
|-----------|--------------------------|-----------|----|----------|---|
| 760168 | Kit joystick 8/11+2 | Polyamide | | IP41 | 1 |
| 760195 | Front panel w/ holes | Aluminium | 8 | | |
| 760195.01 | Front panel w/ holes | | 11 | | 1 |
| 760195.04 | Front panel w/o holes | | - | | |
| ET223 | Sticker w/ 1-8 numbering | | | | |
| ET223.02 | Sticker w/o numbering | | | | 1 |



Joystick commerciali - Commercial joysticks




| Cod. | "Man here" Button | |
|-----------|-------------------|---|
| 921080 | | 1 |
| 921071 | • | 1 |
| 921071.01 | | 1 |
| 921071.02 | | 1 |


| Cod. | |
|-----------|---|
| 760157 | 1 |
| 921041.01 | 1 |
| 921041.02 | 1 |

| Cod. | "Man here" Button | |
|-----------|-------------------|---|
| 921076 | | 1 |
| 921068 | • | 1 |
| 921068.01 | | 1 |
| 921068.02 | | 1 |

Joystick CN 8+4

760330 IP66

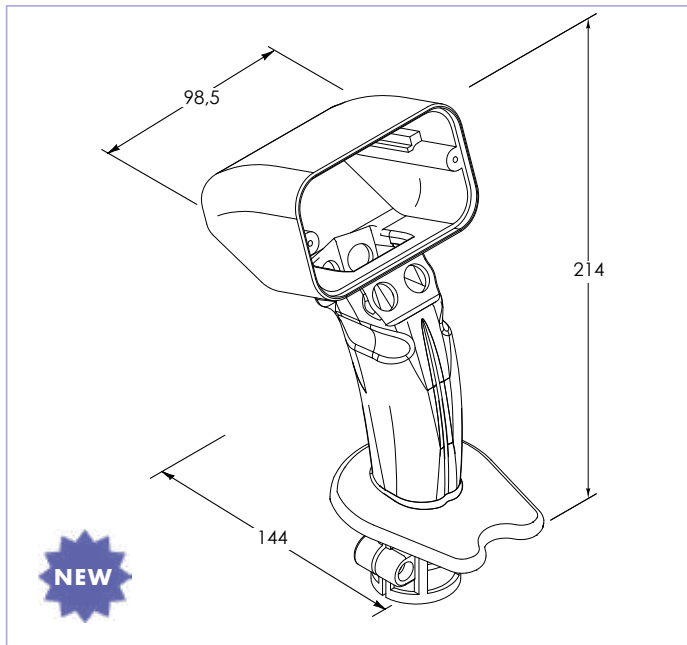
 Joystick con 2 fori sul lato anteriore dell'impugnatura, predisposizione per 2 fori sul lato posteriore, ø12.

 Joystick with 2 holes on the front side of the handle, suitable for 2 holes on the rear side, ø12.

Frontalini abbinabili con 8 o 11 fori, ø12. Combinable front panels with 8 or 11 holes, ø12.



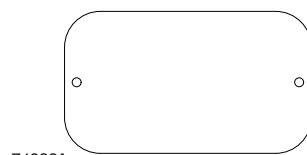
760330-Kit



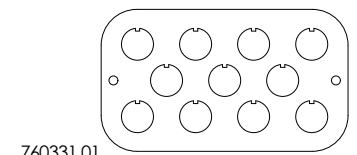
Foratura posteriore opzionale
Optional Rear drilling



Foratura standard
Standard drilling



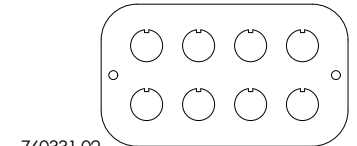
760331



760331.01




ET479



760331.02

| Int. # | Front Panel | Int. # | Handle |
|--------|---|--------|---|
| E/F 8 |  | G 2+2 |  |
| G 11 |  | G 2+2 |  |

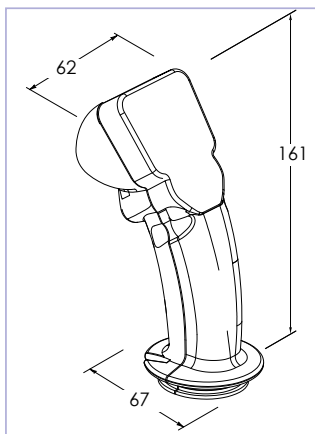
Esempi delle configurazioni disponibili
Examples of possible configurations


| Cod. | Description | Material | # | IP Grade |  |
|-----------|-----------------------|-----------|----|----------|---|
| 760330 | Kit joystick 8/11+4 | Polyamide | | IP66 | 1 |
| 760331 | Front panel w/o holes | Aluminium | - | | 1 |
| 760331.01 | Front panel w/ holes | Aluminium | 11 | | 1 |
| 760331.02 | Front panel w/ holes | Aluminium | 8 | | 1 |
| ET479 | Sticker w/o numbering | | | | 1 |

Joystick CN 7+2

760357 IP66

 Joystick con predisposizione fino a 7 fori nella parte anteriore e 2 fori nella parte posteriore, ø12.  Joystick suitable for up to 7 holes on the front side and 2 holes on the rear side, ø12.



| Cod. | Description | Material | # \emptyset | IP Grade |  |
|--------|------------------|-----------|---------------|----------|---|
| 760357 | Kit joystick 7+2 | Polyamide | | IP66 | 1 |

| Int. # \emptyset | Front Panel | Int. # \emptyset | Handle |
|--------------------|--|--------------------|--|
| G 7 |  | G 2 |  |

Esempi delle configurazioni disponibili *Examples of possible configurations*






Foratura posteriore *Rear drilling*


Box P24

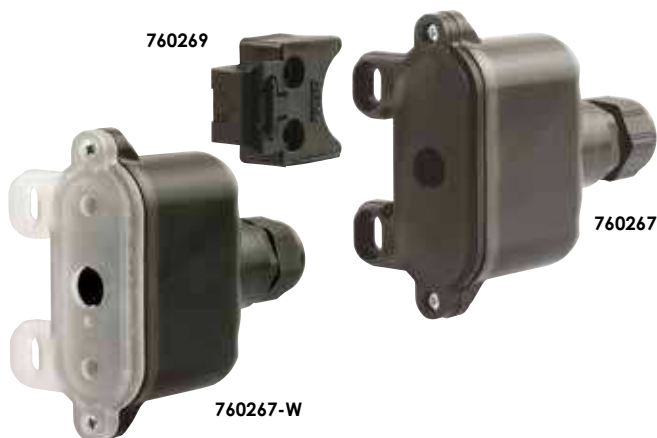
IP66

 Box compatto a tenuta IP66 per interruttori tipo A-B-C-D-E-F-G-K. Frontale in materiale nero o traslucido per montaggio LED interni.  Compact box with IP66 protection for switches type A-B-C-D-E-F-G-K. Black or translucent front panel for LEDs mounting.

| Int. # \emptyset | Front Panel | Int. # \emptyset | Handle |
|--------------------|---|--------------------|---|
| A/B/ C/D 1 |  | G 1 |  |
| E/F 1 |  | |  |

Esempi delle configurazioni disponibili *Examples of possible configurations*

| Cod. | Description | Material | # \emptyset | LED | IP Grade |  |
|-----------|--|-----------|---------------|-----|----------|---|
| 760267 | Kit box P24 w/ support and cable gland - black front panel | Polyamide | 1 | - | IP66 | 1 |
| 760267-W | Kit box P24 w/ support and cable gland - translucent front panel | | 1 | 2 | | 1 |
| 760256.02 | Black front panel w/ hole | Polyamide | 1 | - | | 1 |
| 760256.03 | Translucent front panel w/ hole | | 1 | 2 | | 1 |
| ET484 | Sticker | | | | | 1 |



■ ■ Spine 3 poli 25A ■ ■ 25A 3-poles plugs

ISO 12369

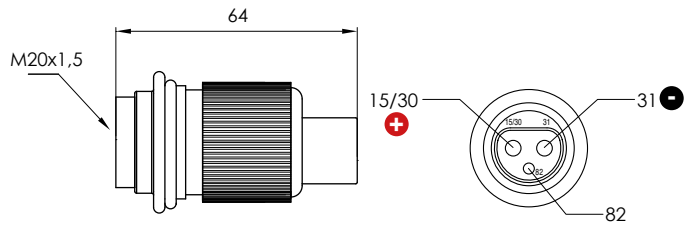


400628



400628

■ ■ Spina volante con connessione a norma ISO 12369 standard sui trattori, 12/24V, 25A. La versione blister include faston 6,3. ■ ■ 3-pole plug according to ISO standard 12369 on tractors, 12/24V, 25A. The blister version includes faston 6.3.



| Cod. | Description | V | A | Fuse | |
|--------|--------------|-----------|----|------|----|
| 400628 | 3 poles Plug | 12/24 VDC | 25 | - | 25 |

■ ■ Spine 3 poli 10A - 25A ■ ■ 10A - 25A 3-poles plugs

■ ■ Guscio in plastica trasparente, è provvisto di LED per segnalare il corretto funzionamento: luce verde regolare, luce rossa difettoso. ■ ■ Transparent plastic body with LED to signal the correct functioning, green light: OK, red light: defect.

1-Versione da 25A: LED verde polarità corretta, LED rosso polarità invertita.

2- Versione da 10A FUSE: LED verde funzionamento corretto, LED rosso fusibile interrotto.

3- Versione da 10A RELÈ e FUSE: LED verde funzionamento corretto, LED rosso fusibile interrotto. LED spento, alimentazione invertita.

1- 25A version: green LED correct functioning, red LED inverted polarity.

2- 10A FUSE version: green LED correct functioning, red LED fuse failure.

3- 10A RELAY and FUSE version: green LED correct functioning, red LED fuse failure. No LED, inverted polarity.



400621

Registered Design

STP

1 - LED



400625

2 - LED+FUSE



400621

3 - LED + FUSE+RELÈ'

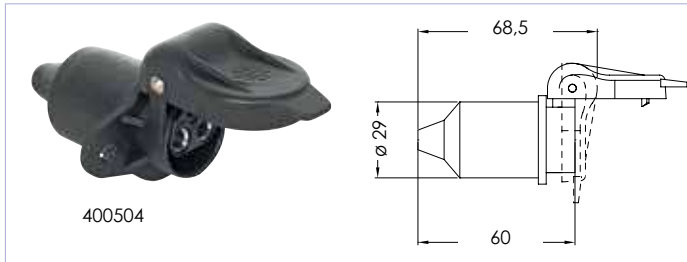


400622

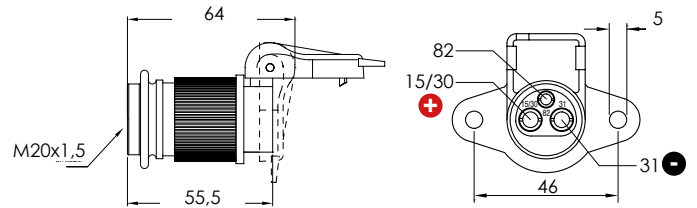
| | Cod. | Description | LED | | V | A | Fuse | |
|---|------------|-------------------------------------|---------|---|--------|----|------|-----|
| | | | | | | | | |
| 1 | 400625 | 3 poles Plug with LED 12V | Inverse | √ | 12 VDC | 25 | - | 10 |
| 2 | 400621 | 3 poles Plug with LED + Fuse 12V | Fuse | √ | 12 VDC | 10 | 10 | 10 |
| | 400621-4.0 | | | | | | 4 | 100 |
| | 400621-7.5 | | | | | | 7,5 | 100 |
| 3 | 400622 | 3 poles Plug with LED / Relè / Fuse | Fuse | √ | 12 VDC | 10 | 10 | 10 |

■ ■ Prese 3 poli 25A - ■ ■ 25A 3-poles sockets

ISO 12369



■ ■ Presa utilizzabile in modali- ■ ■ Socket to be used both mo-
tà mobile o fissa, connessione a- tile or fixed, connection accord-
norma ISO 12369, 12/24V, 25A. ing to ISO 12369, 12/24V, 25A.
Faston 6,3 inclusi nella versione Blister version includes 6,3 faston.
blister.6,3 faston.



| Cod. | Description | V | A | |
|--------|----------------|-----------|----|----|
| 400627 | 3 poles Socket | 12/24 VDC | 25 | 25 |
| 400504 | 3 poles Socket | 12/24 VDC | 25 | 25 |

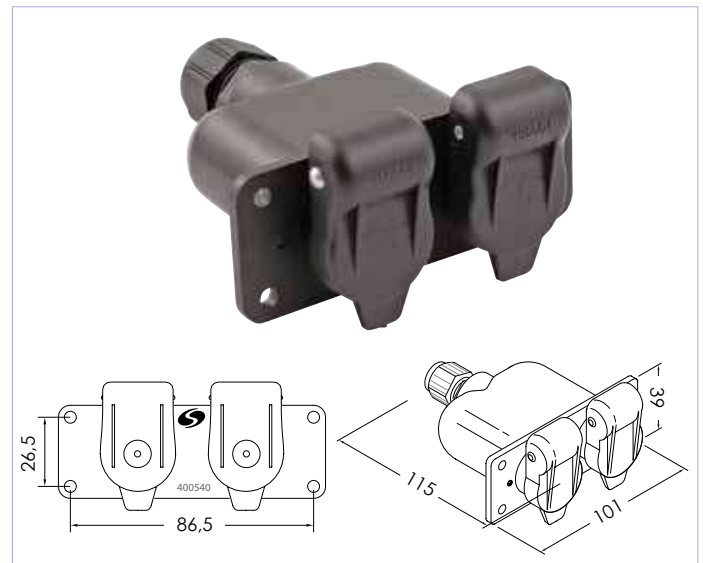
■ ■ Doppia presa 3 poli 25A - ■ ■ 25A 3-poles double sockets

■ ■ Kit doppia presa abbinata, connessione a norma ISO 12369, 12/24V, 2x25A. Faston 6,3 inclusi nella versione blister.

■ ■ Double socket kit, connection according to ISO 12369, 12/24V, 25A. Blister version includes 6,3 faston.



BL-400540



| Cod. | Description | Volt | A | |
|-----------|-----------------------------------|-----------|--------|---|
| BL-400540 | Kit blister double 3-poles socket | 12/24 VDC | 2 x 25 | 1 |

■ ■ Accessori per Connettori per Elettrovalvole

■ ■ Accessories for solenoid valves connectors



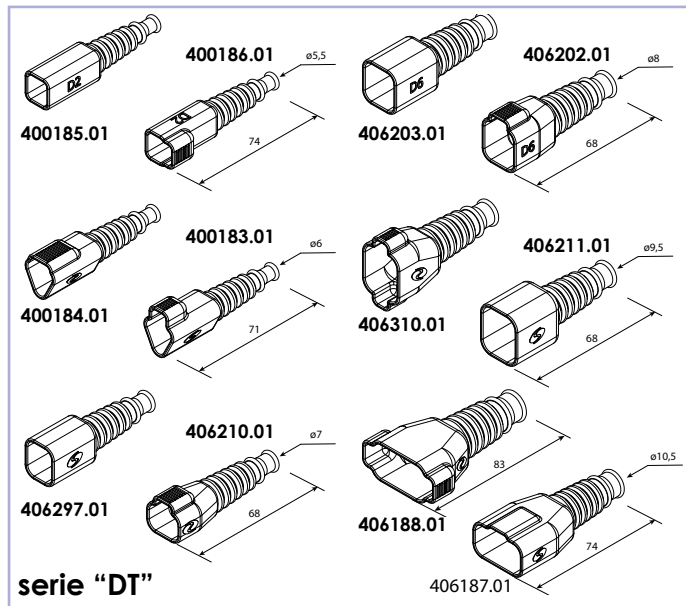
| Cod. | Type | Note | |
|-----------|------------------------------------|---------------|-----|
| 406029.05 | Basetta Chiusura Cieca x Conn. C18 | Cover cap C18 | 200 |
| 406040.02 | Basetta Chiusura Cieca x Conn. C11 | Cover cap C11 | 200 |

■ Cuffie in EPDM

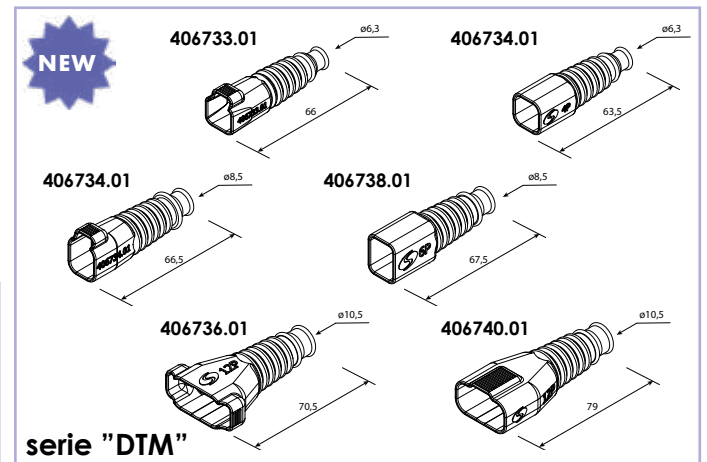
- temperatura di impiego -45 ÷ +130 °C;
- buone/ottime proprietà meccaniche;
- ottima resistenza ai raggi UV;
- ottimo a contatto con ozono, agenti atmosferici, acqua, soluzioni saline, basi minerali forti e soluzioni derivate, olii e grassi vegetali e animali.

■ EPDM boots

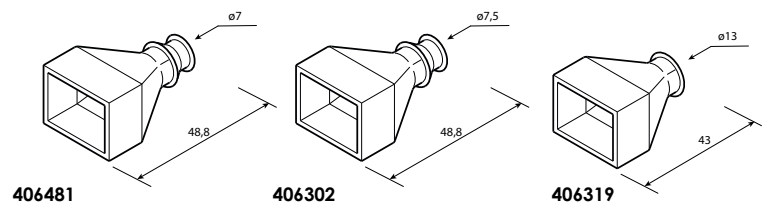
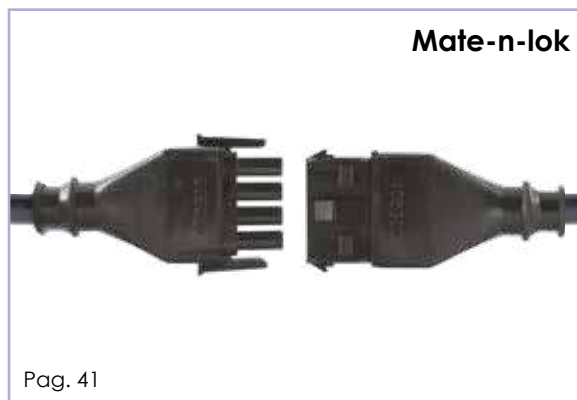
- operating range -45°C to 130°C;
- excellent mechanical features;
- high UV radiation resistance;
- protection against ozone, weathering, water, saline solutions, strong mineral bases and derivate, greases and oils.



| Cod. | Model | Note | # | |
|-----------|----------------|------------------------------|----|----|
| 406186.01 | Deutsch M.p.F. | Cable ø 5,5 - Sleeving ø 7 | 2 | 10 |
| 406185.01 | Deutsch F.p.M. | | | |
| 406183.01 | Deutsch M.p.F. | Cable ø 6 - Sleeving ø 7 | 3 | 10 |
| 406184.01 | Deutsch F.p.M. | | | |
| 406210.01 | Deutsch M.p.F. | Cable ø 6,8 - Sleeving ø 10 | 4 | 10 |
| 406297.01 | Deutsch F.p.M. | | | |
| 406202.01 | Deutsch M.p.F. | Cable ø 9 - Sleeving ø 11,5 | 6 | 10 |
| 406203.01 | Deutsch F.p.M. | | | |
| 406211.01 | Deutsch M.p.F. | Cable ø 9,5 - Sleeving ø 11 | 8 | 10 |
| 406301.01 | Deutsch F.p.M. | | | |
| 406187.01 | Deutsch M.p.F. | Cable ø 10,5 - Sleeving ø 12 | 12 | 10 |
| 406188.01 | Deutsch F.p.M. | | | |



| Cod. | Model | Note | # | |
|-----------|--------------------|------------------------------|----|----|
| 406733.01 | Deutsch DTM M.p.F. | Cable ø 6,3 - Sleeving ø 7 | 4 | 10 |
| 406737.01 | Deutsch DTM F.p.M. | | | |
| 406734.01 | Deutsch DTM M.p.F. | Cable ø 9 - Sleeving ø 11,5 | 6 | 10 |
| 406738.01 | Deutsch DTM F.p.M. | | | |
| 406736.01 | Deutsch DTM M.p.F. | Cable ø 10,5 - Sleeving ø 12 | 12 | 10 |
| 406740.01 | Deutsch DTM F.p.M. | | | |



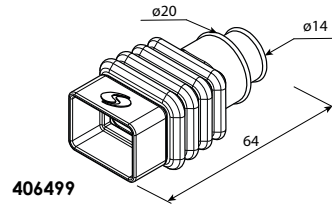
| Cod. | Model | Note | # | |
|--------|-----------------|------------------|----|----|
| 406481 | Tyco Mate-n-lok | Cable ø 6÷9 mm | 9 | 10 |
| 406302 | Tyco Mate-n-lok | Cable ø 7÷11 mm | 12 | 10 |
| 406319 | Tyco Mate-n-lok | Cable ø 12÷15 mm | 15 | 10 |


Cuffie in EPDM **EPDM boots**

Mate-n-lok



Pag. 41

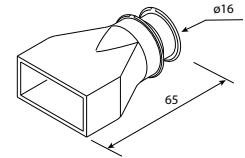
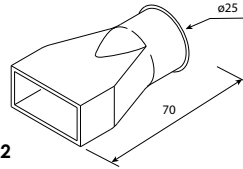



| Cod. | Model | Note | # |  |
|--------|-----------------|---------------------------|----|---|
| 406499 | Tyco Mate-n-lok | Cable \varnothing 14 mm | 12 | 10 |

Sicma



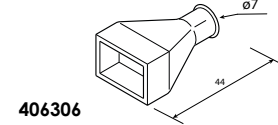
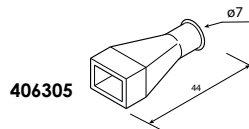
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| Cod. | Model | Note | # |  |
|-----------|-----------|-------------------------------|----|---|
| 406243.02 | SICMA FCI | Cable \varnothing max 25 mm | 24 | 25 |
| 406243.03 | SICMA FCI | Cable \varnothing 16÷21 mm | 24 | 25 |



Pag. 47



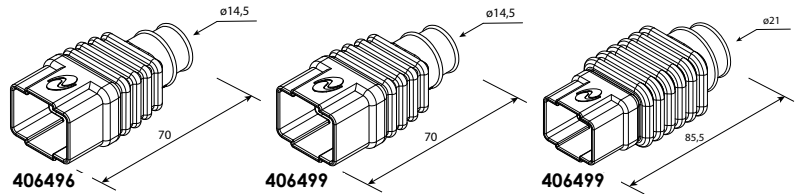
| Cod. | Model | Note | # |  |
|--------|---------------|-----------------------------|---|---|
| 406305 | Fastin-Faston | Cable \varnothing 7÷10 mm | 2 | 100 |
| 406306 | Fastin-Faston | Cable \varnothing 7÷10 mm | 4 | 100 |


NEW

ITT



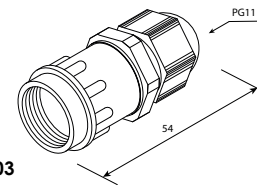
Pag. 45



| Cod. | Model | Note | # |  |
|-----------|--------------------|--------------------------------|----|---|
| 406496 | ITT 24 POLI M.p.F. | Cable \varnothing 14,5÷18 mm | 24 | 10 |
| 406497 | ITT 24 POLI M.p.F. | Cable \varnothing 14,5÷18 mm | 24 | 10 |
| 406497.01 | ITT 24 POLI M.p.F. | Cable \varnothing 21÷26 mm | 24 | 10 |

Calotta Serracavo **Cable gland backshell**




- Calotta in tecnopolimero caricato vetro;
- temperatura di impiego da -30°C a +125°C;
- buone/ottime proprietà meccaniche;
- glass-filled polymer backshell
- operating range from -30°C to 125°C
- excellent mechanical features;



Souriau



Pag. 47

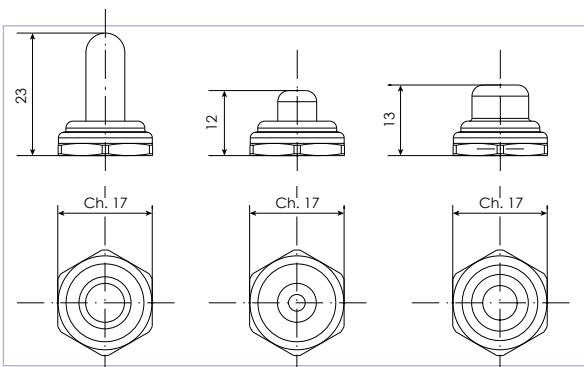
| Cod. | Model |  | mm |  | # |  |
|-----------|-----------------------|---|-------|---|----|---|
| 406080.03 | Souriau/ITT serie UTG | PG 11 | 5÷10 | 54 | 8 | 1 |
| 406104.03 | Souriau/ITT serie UTG | PG 13,5 | 6÷12 | 54 | 12 | 1 |
| 406194.03 | Souriau/ITT serie UTG | M 25x1,5 | 11÷17 | 63 | 19 | 1 |
| 406357.03 | Souriau/ITT serie UTG | M 25x1,5 | 11÷17 | 64 | 23 | 1 |
| 406078.03 | Souriau/ITT serie UTG | PG 21 | 13÷18 | 70 | 28 | 1 |

Capucci in silicone per interruttori e pulsanti IP66

Silicone caps for switches and buttons IP66

Capucci in ottone nickelato e silicone per interruttori e pulsanti. Protezione da polvere, sabbia e acqua. Disponibili in vari colori; con rondella di montaggio stampata o con OR integrato.

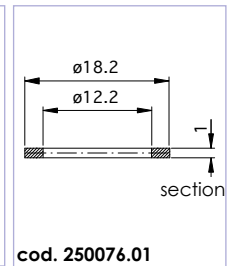
Nickel-plated brass and silicone caps for switches and buttons. Protection against dust, sand and water. Available in various colours; with mounting washer or integrated O-ring.



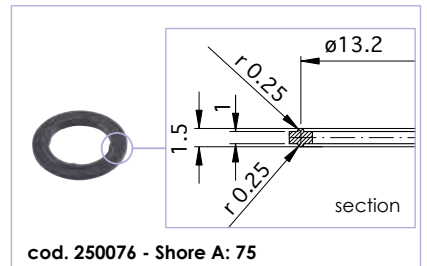
750239

NYLON version

NBR Washer version



cod. 250076.01



cod. 250076 - Shore A: 75

E' consigliato spruzzare del lubrificante tipo SP 7 ADESIL (antiadesivo al polixilossane) all'interno dei cappucci, prima del montaggio, per ridurre gli attriti ed evitare la rottura degli stessi.

We recommend to spray SP 7 ADESIL (polyxilossane anti-adhesive) lubricant inside the caps, before assembly, to reduce friction and avoid breakage.

| Material | IP Grade | UV Resistance | T° Min-Max | Flexibility | Mechanical resistance |
|------------------------------|----------|---------------|-------------|-------------|-----------------------|
| Silicone (our choice) | IP66 | ++ | -55 +180 °C | ++ | - |
| Fluorosilicone | IP66 | ++ | -45 +180 °C | ++ | + |
| Neoprene | IP66 | - | -35 +100 °C | - | ++ |

| Cod. | Color | Material | Nut | | NBR washer | O-Ring |   | Thread type |  |
|-----------|--------|----------------|-------|-------|------------|--------|---|--------------------|---|
| | | | White | Black | | | | | |
| 400460-BK | Black | Silicone | | • | • | • | • | ø12x0,75 (APEM) | 100 |
| 400460 | Black | Silicone | • | | • | • | • | ø12x0,75 (APEM) | 100 |
| 400460.01 | Green | Silicone | • | | • | • | • | ø12x0,75 (APEM) | 50 |
| 400460.02 | Red | Silicone | • | | • | • | • | ø12x0,75 (APEM) | 50 |
| 400460.03 | White | Silicone | • | | • | • | • | ø12x0,75 (APEM) | 50 |
| 400460.04 | Yellow | Silicone | • | | • | • | • | ø12x0,75 (APEM) | 50 |
| 400463 | Black | Silicone | • | | • | | • | ø12x0,75 (APEM) | 100 |
| 400463.01 | Green | Silicone | • | | • | | • | ø12x0,75 (APEM) | 50 |
| 400463.02 | Red | Silicone | • | | • | | • | ø12x0,75 (APEM) | 50 |
| 400463.03 | White | Silicone | • | | • | | • | ø12x0,75 (APEM) | 50 |
| 400463.04 | Yellow | Silicone | • | | • | | • | ø12x0,75 (APEM) | 50 |
| 400571 | Black | Silicone | • | | • | | • | ø12x0,75 (APEM) | 100 |
| 400571.01 | Green | Silicone | • | | • | | • | ø12x0,75 (APEM) | 50 |
| 400571.02 | Red | Silicone | • | | • | | • | ø12x0,75 (APEM) | 50 |
| 400571.04 | Yellow | Silicone | • | | • | | • | ø12x0,75 (APEM) | 50 |
| 400565 | Black | Silicone | • | | | • | • | ø12x0,75 (APEM) | 100 |
| 400565.01 | Green | Silicone | • | | | • | • | ø12x0,75 (APEM) | 50 |
| 400565.02 | Red | Silicone | • | | | • | • | ø12x0,75 (APEM) | 50 |
| 400565.03 | White | Silicone | • | | | • | • | ø12x0,75 (APEM) | 50 |
| 400565.04 | Yellow | Silicone | • | | | • | • | ø12x0,75 (APEM) | 50 |
| 400563 | Black | Silicone | • | | | • | • | ø12x0,75 (APEM) | 100 |
| 400564 | Black | Silicone | • | | | • | • | ø12x0,75 (APEM) | 100 |
| 400564.01 | Green | Silicone | • | | | • | • | ø12x0,75 (APEM) | 50 |
| 400590 | Black | Fluorosilicone | • | | | | • | ø12x0,75 (APEM) | 100 |
| 400562 | Black | Silicone | • | | • | | • | ø12x1 (Matsushita) | 100 |
| 400562.02 | Red | Silicone | • | | • | | • | ø12x1 (Matsushita) | 50 |
| 400418 | Black | Silicone | • | | • | | • | ø12x1 (Matsushita) | 100 |
| 400598 | Black | Fluorosilicone | • | | | | • | ø12x1 (Matsushita) | 100 |

NEW

O-Ring version

Blister



BL-400554



BL-400504



BL-400625



BL-400622



BL-400621



BL-400540



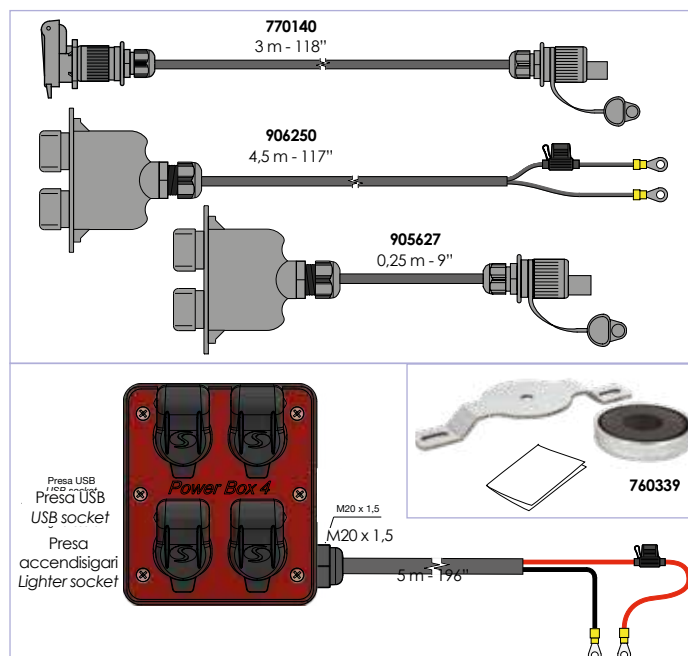
BL-406105

| Cod. | Description | LED | | V | A | Fuse | |
|-----------|---|---------|---|-----------|--------|------|---|
| | | | | | | | |
| BL-400554 | Kit blister 3-poles plug w/ cable gland M20x1,5 | / | / | 12/24 VDC | 25 | - | 1 |
| BL-400504 | Kit blister 3 poles Socket | | | 12/24 VDC | 25 | - | 1 |
| BL-400625 | Kit blister 3 poles Plug with LED 12V | Inverse | √ | 12 VDC | 25 | - | 1 |
| BL-400621 | Kit blister 3 poles Plug with LED + Fuse 12V | Fuse | √ | 12 VDC | 10 | 10 | 1 |
| BL-400622 | Kit blister 3 poles Plug with LED / Relè / Fuse | Fuse | √ | 12 VDC | 10 | 10 | 1 |
| BL-400540 | Kit blister double 3 poles Socket | | | 12/24 VDC | 2 x 25 | | 1 |
| BL-406105 | Unipolar Lighter Socket | | | 12/24 VDC | 80 | | 1 |

Power Box 12 Volt

Multiple sockets and power cables. 40A protection fuse for versions with direct connection to the battery.

Multiprese e cavi alimentazione. I nuovi modelli a 4 prese sono ordinabili o con un ingresso USB o con una presa accendisigari. Fusibile di protezione da 40A nei modelli da collegare direttamente alla batteria.



| Cod. | Model | Functions | Box / Cable | Fuse | L (m) L (in) | | | USB | Acc. | A |
|-----------|-----------------------------------|-----------|-------------|------|--------------|--------|---|-----|------|----|
| | | | | | L (m) | L (in) | | | | |
| 770140 | Cavo alimentazione - 1 - 3,0 | 1 | cable | - | 3 | 118" | 1 | | | 25 |
| 906250 | Cavo alimentazione - 2 - 4,5 | 2 | cable | 40 A | 4,5 | 117" | 2 | | | 40 |
| 905627 | Cavo alimentazione 1/2 - 2 - 0,25 | 2 | cable | - | 0,25 | 9" | 2 | | | 25 |
| 906390 | Kit Power Box 4-USB | 4 | ABS box | 40A | 5 | 196" | 4 | 1 | | 40 |
| 906390.01 | Kit Power Box 4-Accendisigari | 4 | ABS box | 40A | 5 | 196" | 4 | | 1 | 40 |
| 760339 | Kit Fissaggio Power Box 4 | | | | | | | | | |

Customized versions

Salvarani progetta e produce una vasta gamma di quadri di comando, joystick e cablaggi di elevato standard tecnologico, utilizzati nelle macchine per l'agricoltura, la lenta movimentazione ed altre applicazioni. Con la sua struttura di progettazione in grado di assistere i clienti nello sviluppo di articoli personalizzati.

Salvarani designs and manufactures a wide range of control panels, joysticks and wiring of high technological standard, used in agricultural machinery, slow moving machines and other applications. Thanks to its engineering department, it is also able to assist in the development of customized items for connectors.



■ ■ Cassetta in alluminio verniciate in grigio IP66

■ ■ Grey coated aluminium boxes IP66

Cassette pressofuse in alluminio complete di viti, guarnizioni e coperchi, tenuta IP66 (CEI EN 60529). Verniciatura a forno nero e in RAL 9006, grigio metallizzato bucciato. Piastre di montaggio in acciaio zincato disponibili per alcuni modelli. Forature personalizzate su richiesta.

Die-cast aluminium boxes with screws, seals and lids, IP66 protection (CEI EN 60529). Heat cured coating black and RAL 9006. Galvanized steel mounting plates available for some types. Custom drilling on request.



| Cod. | ILME cod. | Piastra di montaggio Assembly Plate | Dimensioni interne (mm) Inner size (mm) | IP Grade | |
|-----------|-----------|--|--|----------|---|
| 760041 | APV 9 | | 90 x 90 x 53 | IP66 | 1 |
| 760041-BK | APV 9 | | 90 x 90 x 53 | | 1 |
| 760013 | APV 11 | 760092 | 128 x 103 x 55 | | 1 |
| 760013-BK | APV 11 | 760092 | 128 x 103 x 55 | | 1 |
| 760160 | APV 12 | 760368 | 154 x 129 x 58 | | 1 |
| 760028 | APV 14 | 760069 | 178 x 155 x 74 | | 1 |
| 760029 | APV 19 | 760079 | 239 x 202 x 85 | | 1 |
| 760142 | APV 20 | 760143 | 294 x 244 x 114 | | 1 |
| 760170 | APV 21 | 760171 | 392 x 298 x 144 | | 1 |

| Cod. | Dimensione (mm) Size (mm) | IP Grade | |
|--------|------------------------------|----------|---|
| 760174 | 205 x 105 x 81 | IP66 | 1 |
| 760009 | 256 x 91 x 75 | | 1 |
| 760152 | 268 x 133 x 91 | | 1 |

■ ■ Cassetta in plastica IP65

■ ■ Plastic boxes IP65

Cassette in plastica complete di guarnizioni in gomma antinvecchiamento e coperchi, tenuta IP65. Viti in plastica o acciaio inox a seconda del modello.

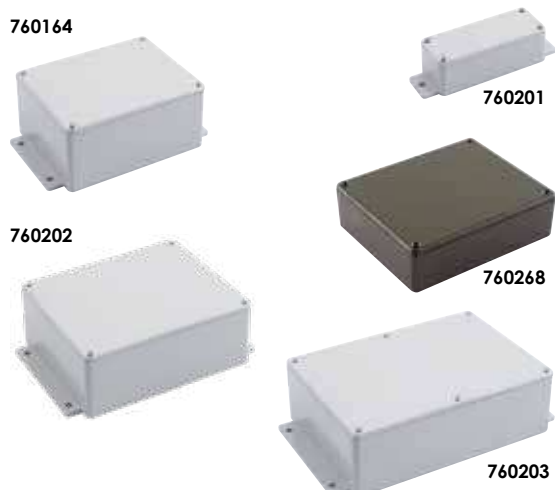
Plastic boxes with anti-wear seals and lids, IP65 protection. Plastic or stainless steel screws depending on the type.



| Cod. | Dimensione (mm) Size (mm) | Note | IP Grade | | |
|------------|------------------------------|--|----------|---|-------------------|
| 760097 | 70 x 70 x 51 | already drilled | IP65 | 1 | |
| 760097-CPT | 70 x 70 x 51 | complete with emergency push-button contact N.C. | | | |
| 760010 | | without hole | IP65 | 1 | |
| 760010.04 | 105 x 70 x 74 | 2 hole | | | hole spacing 40mm |
| 760010.05 | | 3 hole | | | hole spacing 40mm |
| 760221 | 164 x 99 x 67 | | IP65 | 1 | |
| 760114 | 214 x 162 x 71 | | IP65 | 1 | |
| 760257 | 110 x 210 x 40,5 | | IP65 | 1 | |

■ ■ Cassetta in alluminio verniciato IP66

■ ■ Coated Aluminum Boxes IP66



| Cod. | Dimensione (mm) Size (mm) | IP Grade | |
|--------|------------------------------|----------|---|
| 760201 | 89 x 35 x 30 | IP66 | 1 |
| 760164 | 114 x 89 x 55 | IP66 | 1 |
| 760268 | 120 x 100 x 35 (black) | IP66 | 1 |
| 760202 | 171 x 121 x 55 | IP66 | 1 |
| 760203 | 222 x 146 x 55 | IP66 | 1 |

Valvola di sfato

IP66

Air-hole valve

IP66

Elementi di compensazione provvedono ad una buona aerazione della cassetta evitando la formazione di condensa.

Compensation elements which provide a good ventilation in the boxes avoiding condensation.



| Cod. | Descrizione Description | | ø | IP Grade | |
|--------|--|---|-----|----------|---|
| 200212 | Silenziatore a pastiglia Silencer with filteringpad | ✓ | | | 1 |
| 760282 | Valvola anticondensa Vent valve | | M12 | IP66 | 1 |

Pressacavo antistrappo

Pressacavo antistrappo con filettatura PG e metrica. Corpo in poliammide, guarnizione in neoprene. Tenuta IP68, 5 Bar massimi. Temperature di utilizzo comprese tra -30°C e 80°C.

Tearing proof cable gland

Tearing proof cable gland with PG and metric thread. Polyamide body, neoprene seal. IP68 protection, 5 Bar maximum. Working temperatures between -30°C and 80°C.

| Cod. | | Cod. | | Cod. | | Description | | | | | |
|-----------|--|--------|--|--------|--|-------------|---------|----|----|----|----|
| 400026 | | 400027 | | 400034 | | M12x1,5 | 4 ÷ 7 | 7 | 12 | 15 | 50 |
| 400028 | | 400029 | | 400035 | | M16x1,5 | 5 ÷ 10 | 10 | 16 | 22 | 50 |
| 400030 | | 400031 | | 400036 | | M20x1,5 | 8 ÷ 13 | 10 | 20 | 24 | 50 |
| 400030.01 | | 400031 | | 400036 | | M20x1,5 RID | 5 ÷ 9 | 10 | 20 | 24 | 50 |
| 400032 | | 400033 | | 400037 | | M25x1,5 | 11 ÷ 17 | 10 | 25 | 30 | 50 |
| 400003 | | 400004 | | 400015 | | PG7 | 3 ÷ 6,5 | 8 | 13 | 15 | 50 |
| 400003.01 | | 400004 | | 400015 | | PG7 RID | 2 ÷ 5 | 8 | 13 | 15 | 50 |
| 400005 | | 400006 | | 400016 | | PG9 | 4 ÷ 8 | 8 | 16 | 19 | 50 |
| 400013 | | 400014 | | 400017 | | PG11 | 5 ÷ 10 | 8 | 19 | 22 | 50 |
| 400007 | | 400008 | | 400018 | | PG13,5 | 6 ÷ 12 | 9 | 21 | 24 | 50 |
| 400007.01 | | 400008 | | 400018 | | PG13,5 RID | 5 ÷ 9 | 6 | 21 | 24 | 50 |
| 400009 | | 400010 | | 400020 | | PG16 | 10 ÷ 14 | 10 | 23 | 27 | 50 |
| 400009-L | | 400010 | | 400020 | | PG16 | 10 ÷ 14 | 15 | 23 | 27 | 50 |
| 400011 | | 400012 | | 400019 | | PG21 | 13 ÷ 18 | 11 | 29 | 33 | 25 |
| 400038 | | 400039 | | 400044 | | PG29 | 18 ÷ 25 | 11 | 37 | 42 | 25 |
| | | 400058 | | | | PG48 | | | | 70 | 25 |

Accessori per pressacavo - Cable gland accessories

| Cod. | Description | |
|--------|---|----|
| 400049 | 3 holes ø6 mm cable support for PG 16 / M20 e 1,5 | 25 |
| 400048 | 2 holes ø6 mm cable support for M 20 | 25 |
| 400040 | 6 holes ø7 mm cable support for PG 29 | 25 |
| 406487 | Cable gland M32 10 holes | 25 |
| 400041 | Cap for PG9 gasket ø8 | 25 |
| 400024 | Snap opening cap ø12,7 | 25 |
| 400025 | Snap opening cap ø22,2 | 25 |
| 406486 | Reduction M/F M40 / M32 | 25 |

Lampade

Lampade a filamento e LED colorati per montaggio su apposite supporti. Connettori con morsettiere a innesto rapido o a faston 6,3 mm.

Lamps

Filament lamps and coloured LEDs for mounting on specific supports. Connectors with plug-in terminal boards or 6,3 mm faston.

400210



401573-G



401570



401568



400220



401517



400214

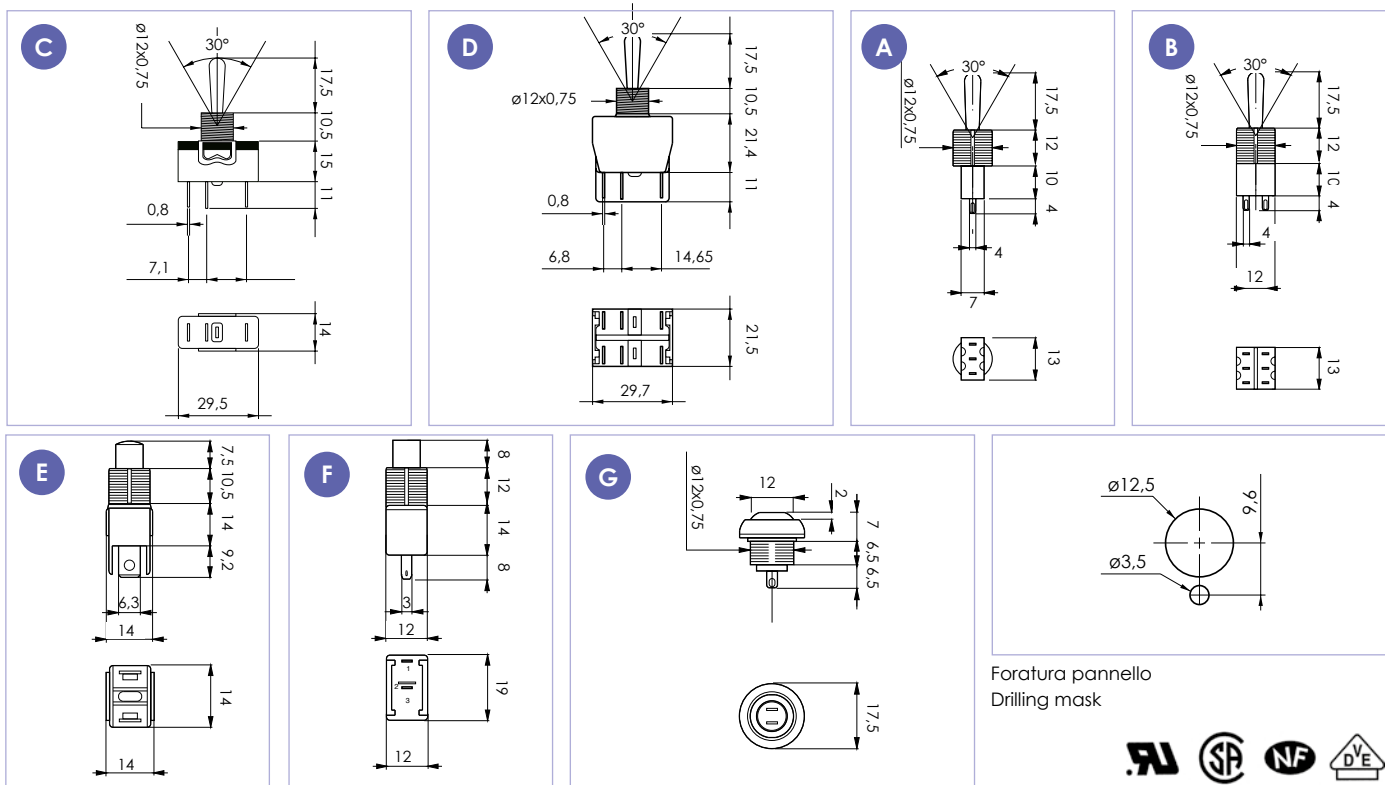


401516.01



| Cod. | Incand./LED | Color | V | ∅ (mm) | L (mm) | IP grade |  |
|-----------|--------------|---|--------|--------|--------|----------|---|
| 400210 | LED |  | 12 VDC | 10 | 250 | IP65 | 50 |
| 400210.01 | Incandescent |  | 24 VDC | 10 | 250 | IP65 | 50 |
| 400209 | LED |  | 12 VDC | 10 | 250 | IP65 | 50 |
| 400211 | Incandescent |  | 24 VDC | 10 | 250 | IP65 | 50 |
| 400212 | Incandescent |  | 24 VDC | 10 | 250 | IP65 | 50 |
| 400212.01 | LED |  | 12 VDC | 10 | 250 | IP65 | 50 |
| 401573 | LED |  | 12 VDC | 12 | 200 | IP67 | 10 |
| 401573-G | LED |  | 12 VDC | 12 | 200 | IP67 | 10 |
| 401570 | LED |  | 12 VDC | 6 | 200 | IP64 | 25 |
| 401570-R | LED |  | 12 VDC | 6 | 200 | IP64 | 25 |
| 401568 | LED |  | 12 VDC | 6 | 200 | IP67 | 25 |
| 401568-R | LED |  | 12 VDC | 6 | 200 | IP67 | 25 |
| 400220-OR | Incandescent |  | 28 VDC | 7,5 | 160 | IP67 | 50 |
| 401517 | LED |  | 12 VDC | 6 | 250 | IP64 | 50 |
| 401516 | LED |  | 12 VDC | 6 | 250 | IP64 | 50 |

| Cod. | Incand./LED | Color | V | Faston conn. | Plug-in conn. |  |
|---------------|--------------|---|--------|--------------|---------------|---|
| 400214 | Incandescent |  | 12 VDC | • | | 50 |
| 401517.01 | LED |  | 12 VDC | | • | 50 |
| 401516.01 | LED |  | 12 VDC | | • | 50 |
| 401516.01-24V | LED |  | 24 VDC | | • | 50 |



Interruttori pulsanti APEM® ø12 mm APEM® push-buttons, ø12 mm

| Cod. | APEM ref. | | Color | A | V | Notes / Connection Type | |
|-----------|---------------|-------------|--------|-----|---------|--|----|
| 400496 | | | | | | | |
| 400469 | IL12132A | MOM (NO) | Black | 8 | 250 VAC | 2 x Faston 6,3 | 40 |
| 400469.01 | IL12132 | MOM (NO) | Black | 3 | 250 VAC | 2 x Faston 6,3 | 40 |
| 400495 | IL12126 | MOM (NC) | Red | 3 | 250 VAC | 2 x Faston 6,3 | 40 |
| 400495.05 | IL12122A | MOM (NC) | Black | 3 | 250 VAC | 2 x Faston 6,3 | 40 |
| 400496 | IL12133 | MOM (NO) | Green | 3 | 250 VAC | 2 x Faston 6,3 | 40 |
| 400462 | IL4731C | ON-OFF | Black | 4 | 125 VAC | 2 x solder | 40 |
| 400517 | IL4836 | ON-ON | Black | 3 | 125 VAC | 3 x solder | 40 |
| 400568 | IL4631 | ON-OFF | Black | 4 | 125 VAC | 2 x solder | 40 |
| 400482 | IL4743A | ON-OFF | Black | 3 | 125 VAC | 4 x solder bipolar | 40 |
| 400569 | IPR3SAD2LOG | MOM (NO) | Black | 4A | 12 VDC | with 2,1 V - 20 mA LED verde / solder | 10 |
| 400570 | IPR3SAD3LOG | MOM (NO) | Green | 4A | | with 2,1 V - 20 mA LED / solder | 10 |
| 400591.05 | IPR1SAD2LOS | ON-OFF | Black | 4A | | with 1,95 V - 20 mA LED / solder | 10 |
| 400620 | IPR3SAD5LOG | MOM (NO) | Yellow | 4A | | with 2,1 V - 20 mA LED giallo / solder | 10 |
| 400638 | IPR3SAD2LOS | MOM (NO) | Green | 4A | | with 2,1 V - 20 mA LED rosso / solder | 10 |
| 400589.05 | IPR5SAD2 | MOM (NO/NC) | Black | 4A | 12 VDC | max 72 V / solder | 10 |
| 400637 | IPR3SAD2 | MOM (NO) | Black | 4A | | max 72 V / solder | 10 |
| 400637.01 | IPR3SAD6 | MOM (NO) | Red | 4A | | max 72 V / solder | 10 |
| 400464 | | | | | | | |
| 400464 | ISR3 SAD3 | MOM (NO) | Green | 0,4 | 32 VAC | max 32 V / solder | 50 |
| 400464.01 | ISR3 SAD6 | MOM (NO) | Red | 0,4 | 32 VAC | max 32 V / solder | 50 |
| 400464.02 | ISR3 SAD1 | MOM (NO) | Blue | 0,4 | 32 VAC | max 32 V / solder | 50 |
| 400464.03 | ISR3 SAD5 | MOM (NO) | Yellow | 0,4 | 32 VAC | max 32 V / solder | 50 |
| 400464.04 | ISR3 SAD7 | MOM (NO) | White | 0,4 | 32 VAC | max 32 V / solder | 50 |
| 400464.05 | ISR3 SAD2 | MOM (NO) | Black | 0,4 | 32 VAC | max 32 V / solder | 50 |
| 400446 | ILP3SAD2X1274 | MOM (NO) | Black | 2 | 24 VDC | solder | 50 |
| 400640 | IAR3F1200 | ON-OFF (NO) | Black | 2 | 24VDC | wire lead | 10 |

Apem

■ ■ Interruttori APEM® ø12 mm con connessione Faston ■ ■ APEM® switches ø12 mm, Faston connection



| Cod. | APEM ref. | | Poles | L (mm) | A | V | Connection Type | |
|--------|-----------|-------------|-------|--------|----|---------|-----------------|----|
| 400404 | 636H/2 | ON-ON | 1 | 17,5 | 15 | 250 VAC | 3 x Faston 6,3 | 25 |
| 400401 | 639H/2 | ON-OFF-ON | 1 | 17,5 | 10 | 250 VAC | 3 x Faston 6,3 | 25 |
| 400459 | 637H/2 | MOM-OFF-MOM | 1 | 17,5 | 10 | 250 VAC | 3 x Faston 6,3 | 25 |
| 400466 | 631H/2 | ON-OFF | 1 | 17,5 | 15 | 250 VAC | 2 x Faston 6,3 | 25 |
| 400476 | 638H/2 | MOM-OFF-ON | 1 | 17,5 | 10 | 250 VAC | 3 x Faston 6,3 | 25 |
| 400522 | 635H/2 | ON-MOM | 1 | 17,5 | 10 | 250 VAC | 3 x Faston 6,3 | 25 |

| Cod. | APEM ref. | | Poles | L (mm) | A | V | Connection Type | |
|-----------|-----------|-------------|-------|--------|----|---------|-----------------|----|
| 400481 | 631.L40 | ON-OFF | 1 | 40 | 15 | 250 VAC | 2 x Faston 6,3 | 15 |
| 400465 | 637.L40 | MOM-OFF-MOM | 1 | 40 | 10 | 250 VAC | 3 x Faston 6,3 | 15 |
| 400476.01 | 638.L40 | MOM-OFF-ON | 1 | 40 | 10 | 250 VAC | 3 x Faston 6,3 | 15 |

| Cod. | APEM ref. | | Poles | L (mm) | A | V | Connection Type | |
|-----------|-----------|-------|-------|--------|----|---------|-----------------|----|
| 400432.01 | 646.L40 | ON-ON | 2 | 40 | 15 | 250 VAC | 6 x Faston 6,3 | 15 |

| Cod. | APEM ref. | | Poles | L (mm) | A | V | Connection Type | |
|--------|-----------|-------------|-------|--------|----|---------|-----------------|----|
| 400407 | 649H/2 | ON-OFF-ON | 2 | 17,5 | 10 | 250 VAC | 6 x Faston 6,3 | 25 |
| 400432 | 646H/2 | ON-ON | 2 | 17,5 | 15 | 250 VAC | 6 x Faston 6,3 | 25 |
| 400403 | 647H/2 | MOM-OFF-MOM | 2 | 17,5 | 10 | 250 VAC | 6 x Faston 6,3 | 25 |
| 400420 | 648H/2 | ON-OFF-MOM | 2 | 17,5 | 10 | 250 VAC | 6 x Faston 6,3 | 25 |
| 400514 | 645H/2 | ON-MOM | 2 | 17,5 | 10 | 250 VAC | 6 x Faston 6,3 | 25 |
| 400543 | 641H/2 | ON-OFF | 2 | 17,5 | 15 | 250 VAC | 4 x Faston 6,3 | 25 |
| 400545 | 644H/2 | ON-ON-ON | 2 | 17,5 | 15 | 250 VAC | 6 x Faston 6,3 | 25 |

| Cod. | APEM ref. | | Poles | L (mm) | A | V | Connection Type | |
|--------|-----------|-----------|-------|--------|----|---------|-----------------|----|
| 400526 | 659/H | ON-OFF-ON | 3 | 17,5 | 10 | 250 VAC | 9 x Faston 6,3 | 25 |

| Cod. | APEM ref. | | Poles | L (mm) | A | V | Connection Type | |
|----------|-----------|-------------|-------|--------|----|---------|-----------------|----|
| 400403-K | 647H/2K | MOM-OFF-MOM | 1 | 17,5 | 15 | 250 VAC | 3 x Faston 6,3 | 25 |
| 400401-K | 639H/2K | ON-OFF-ON | 1 | 17,5 | 10 | 250 VAC | 3 x Faston 6,3 | 25 |
| 400459-K | 637H/2K | MOM-OFF-MOM | 1 | 17,5 | 10 | 250 VAC | 3 x Faston 6,3 | 25 |
| 400466-K | 631H/2K | ON-OFF | 1 | 17,5 | 15 | 250 VAC | 2 x Faston 6,3 | 25 |

NEW
Front panel Sealing

■ ■ Interruttori APEM® ø12 mm con connessione a saldare ■ ■ APEM® switches ø12 mm, solder connection



| Cod. | APEM ref. | | Poles | L (mm) | A | V | Connection Type | |
|--------|-----------|-------------|-------|--------|---|--------|-----------------|----|
| 400468 | 5638MA | MOM-OFF-ON | 1 | 17,5mm | 4 | 30 VDC | solder | 25 |
| 400461 | 5637MA | MOM-OFF-MOM | 1 | 17,5mm | 4 | 30 VDC | solder | 25 |
| 400467 | 5639MA | ON-OFF-ON | 1 | 17,5mm | 4 | 30 VDC | solder | 25 |
| 400471 | 5636MA | ON-ON | 1 | 17,5mm | 4 | 30 VDC | solder | 25 |

| Cod. | APEM ref. | | Poles | L (mm) | A | V | Connection Type | Note | |
|-----------|-----------|-------------|-------|--------|---|--------|-----------------|------------------|----|
| 400631 | 5648M | ON-OFF-MOM | 2 | 17,5 | 4 | 30 VDC | solder | | 25 |
| 400434 | 5647MA | MOM-OFF-MOM | 2 | 17,5 | 4 | 30 VDC | solder | | 25 |
| 400413 | 5646MA | ON-ON | 2 | 17,5 | 4 | 30 VDC | solder | | 25 |
| 400512 | 5642MA | ON-MOM | 2 | 17,5 | 4 | 30 VDC | solder | | 25 |
| 400499 | 5649MA | ON-OFF-ON | 2 | 17,5 | 4 | 30 VDC | solder | | 25 |
| 400499.01 | 12149AK | ON-OFF-ON | 2 | 17,5 | 4 | 30 VDC | solder | High Performance | 10 |
| 400461.02 | 12147AK | MOM-OFF-MOM | 2 | 17,5 | 4 | 30 VDC | solder | High Performance | 10 |

Accessori APEM® APEM® Accessories



| Cod. | APEM ref. | |
|--------|-----------|----|
| 100103 | U166 | 25 |



| Cod. | APEM ref. | |
|-----------|---------------|-----|
| 100103.01 | U411 | 25 |
| 100103.02 | U03 + U1970-3 | 100 |

Interruttori "Eco" ø12 mm con connessione Faston "Eco" switches ø12 mm, Faston connection



| Cod. | | Poles | L (mm) | A | V | Connection Type | |
|-----------|-------------|-------|--------|----|---------|-----------------|----|
| 400459.01 | MOM-OFF-MOM | 1 | 17,5 | 10 | 250 VAC | 3 x Faston 6,3 | 25 |
| 400404.01 | ON-ON | 1 | 17,5 | 10 | 250 VAC | 3 x Faston 6,3 | 25 |
| 400401.01 | ON-OFF-ON | 1 | 17,5 | 10 | 250 VAC | 3 x Faston 6,3 | 25 |

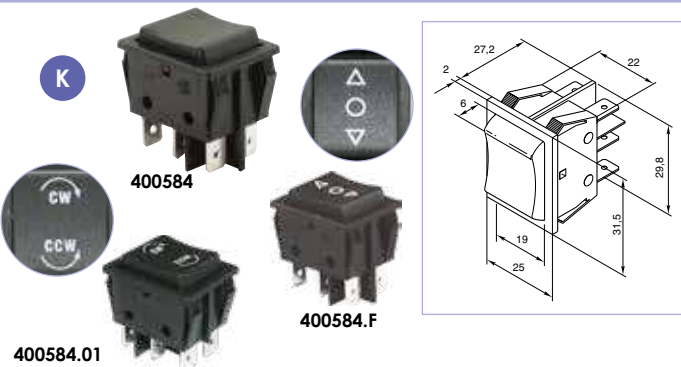
| Cod. | | Poles | L (mm) | A | V | Connection Type | |
|-----------|-------------|-------|--------|----|---------|-----------------|----|
| 400407.01 | ON-OFF-ON | 2 | 17,5 | 10 | 250 VAC | 6 x Faston 6,3 | 25 |
| 400403.01 | MOM-OFF-MOM | 2 | 17,5 | 10 | 250 VAC | 6 x Faston 6,3 | 25 |
| 400432.02 | ON-ON | 2 | 17,5 | 10 | 250 VAC | 6 x Faston 6,3 | 25 |

Interruttori pulsanti "Eco" ø12 mm "Eco" push-buttons, ø12 mm



| Cod. | | Color | A | V | Connection Type | |
|-----------|---------|-------|-----|-----|-----------------|----|
| 400469.02 | OFF-MOM | | 4 | 250 | 2 x Faston 6,3 | 40 |
| 400530 | OFF-MOM | | 0,4 | 250 | solder | 40 |
| 400530.01 | OFF-MOM | | 0,4 | 250 | solder | 40 |
| 400530.02 | OFF-MOM | | 0,4 | 250 | solder | 40 |
| 400530.03 | OFF-MOM | | 0,4 | 250 | solder | 40 |
| 400530.04 | OFF-MOM | | 0,4 | 250 | solder | 40 |
| 400530.05 | OFF-MOM | | 0,4 | 250 | solder | 40 |

Interruttori "Eco" bipolari a bascula "Eco" Double pole rocker switches



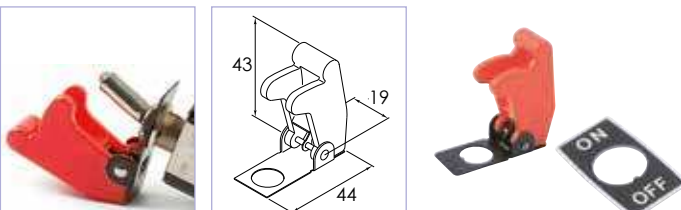
| Cod. | | Poles | A | V | Conn. Type | IP Grade | |
|-----------|-------------|-------|----|---------|----------------|----------|----|
| 400584 | MOM-OFF-MOM | 2 | 16 | 250 VAC | 6 x Faston 6,3 | IP40 | 10 |
| 400584-F | MOM-OFF-MOM | 2 | 16 | 250 VAC | 6 x Faston 6,3 | IP40 | 10 |
| 400584.01 | MOM-OFF-MOM | 2 | 16 | 250 VAC | 6 x Faston 6,3 | IP40 | 10 |

Manipolatore a 2 assi APEM con pulsante 2-axis APEM Joystick with integrated push-button



| Cod. | Cod. Apem | | A | V | Conn. Type | IP Grade | |
|-----------|-----------|---------------------------------|-----|---------|-------------|----------|---|
| 400402 | 1D16J1500 | 1 x MOM | 6 A | 250 VAC | 12 x solder | IP67 | 1 |
| 400422 | 1D15D1500 | - | 6 A | 250 VAC | 12 x solder | IP67 | 1 |
| 400636 | HF-52S10 | Joystick Analog, 3 Assi 2 Puls. | | | | IP67 | 1 |
| 400641 | HF45S10 | Joystick Analog, 3 Assi 2 Puls. | | | | - | 1 |
| 400636.01 | 505-442 | Cavo Colleg. X Joystick Analog. | | | | IP67 | 1 |

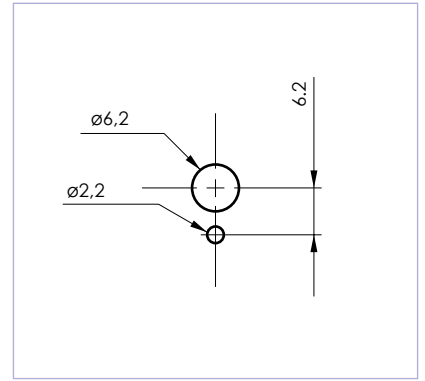
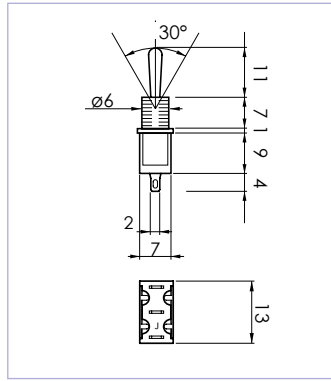
Accessori per interruttori ø12 mm Accessories for ø12 mm switches



| Cod. | Description | |
|-----------|---|----|
| 406246.02 | Coprinterruttore di sicurezza Switches'safety cap | 10 |
| ET158 | Targhetta Alluminio ON-OFF Aluminium plate ON-OFF | 10 |

Apem

Microinterruttori ø6 mm con connessione a saldare Microswitches ø6 mm, solder connection



Foratura pannello
Drilling mask



400419

A

| Cod. | APEM ref. | | Poles | L (mm) | A | V | Connection Type | |
|----------|------------|-------------|-------|--------|---|--------|-----------------|----|
| 400406 | 5639A | ON-OFF-ON | 1 | 11 | 4 | 30 VDC | solder | 10 |
| 400410 | 5637A | MOM-OFF-MOM | 1 | 11 | 4 | 30 VDC | solder | 10 |
| 400419 | 5236AB | ON-ON | 1 | 11 | 4 | 30 VDC | PC terminal | 10 |
| 400419-K | 5236AKB-4N | ON-ON | 1 | 11 | 4 | 30 VDC | PC terminal | 10 |
| 400435 | 5246AB | ON-ON | 2 | 11 | 4 | 30 VDC | PC terminal | 10 |



400419.02

| Cod. | APEM ref. | Description | |
|-----------|-----------|--|----|
| 400419.02 | U1229 | Cover, black + OR, to be used with 11 mm lever | 10 |

Interruttori d'emergenza APEM® ø16 mm APEM® Emergency Push-Buttons, ø16 mm

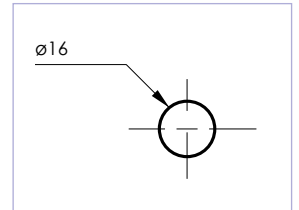
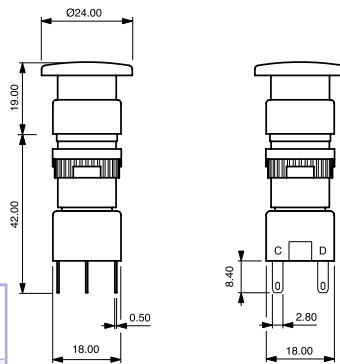


400519



400520

O



Foratura pannello
Drilling mask

| Cod. | APEM ref. | Description | |
|--------|-----------|-------------|---|
| 400519 | A01ES-DM | Emergency | 1 |
| 400520 | A01ESSP1 | Momentary | 1 |

| Cod. | APEM ref. | Description | A | V | IP Grade | |
|-----------|-----------|-------------|---|---------|----------|---|
| 400519.01 | A0154B-D | Bipolar | 6 | 250 VAC | IP65 | 1 |
| 400520.01 | A0150B-D | Unipolar | 6 | 250 VAC | IP65 | 1 |
| 400520.02 | A0151B | Unipolar | 6 | 250 VAC | IP65 | 1 |

Interruttori bipolari APEM® a bascula IP65

IP65

APEM® double pole rocker switches IP65

IP65



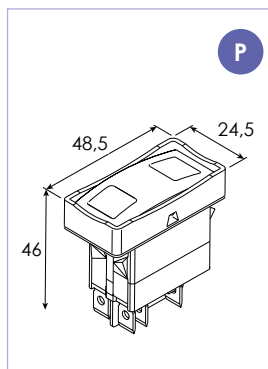
400572



400573



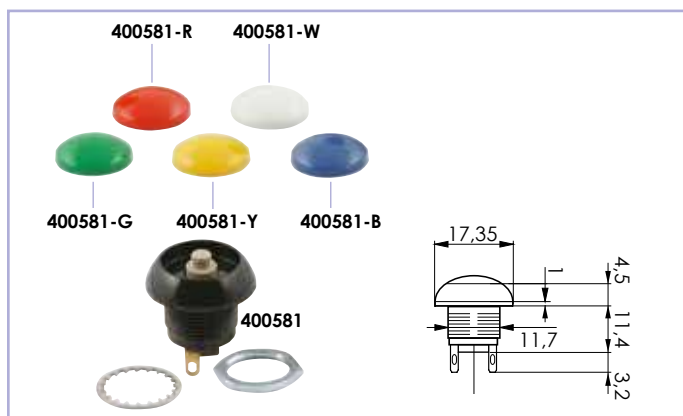
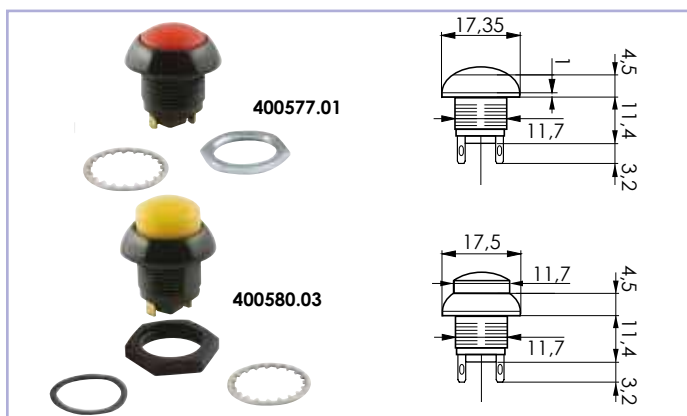
400574



P

| Cod. | APEM ref. | Poles | | A | V | Connection Type | Note | IP Grade | |
|--------|-----------------|-------|-------------|----|--------|-----------------|----------------|----------|----|
| 400430 | KG472A2XXA21X1 | 2 | MOM-OFF-MOM | 10 | 12 VDC | 6 x faston 6,3 | - | IP65 | 15 |
| 400572 | KG412A2XXA21 | 2 | ON-OFF | 10 | 12 VDC | 6 x faston 6,3 | - | IP65 | 15 |
| 400573 | KG412A2EXDA243X | 2 | ON-OFF | 10 | 12 VDC | 6 x faston 6,3 | 1 x green lamp | IP65 | 1 |
| 400574 | MG492A2DDA2866 | 2 | ON-OFF-ON | 10 | 12 VDC | 6 x faston 6,3 | 2 x red lamps | IP65 | 1 |

■ Pulsanti Otto® ø12 mm ■ Otto® push-buttons ø12 mm

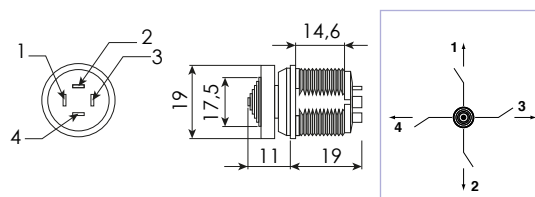


| Cod. | Otto ref. | | Color | A | Notes / Connection Type | IP Grade | |
|------------|---------------|---------|-------|-------|------------------------------|----------|----|
| 400577.01 | P9-511121 | OFF-MOM | | 5 | 2 x solder - ø 12 mm | IP68 | 40 |
| 400580.03 | P9-211124W | OFF-MOM | | 5 | 2 x solder - ø 12 mm | IP68 S | 10 |
| 400626.06 | P9-111123 | OFF-MOM | | 5 | 2 x solder - ø 12 mm | IP68 S | 40 |
| 400588 | P9C-211123 | OFF-MOM | | 0,1 | 2 x solder - ø 12 mm | IP68 S | 40 |
| 400552 | P9M-N1112 | ON-OFF | - | 4 | 2 x solder - ø 12 mm | IP68 S | 10 |
| 400552-B | C402922-25-6 | Cap | | - | Push-button cover - Blue | - | 25 |
| 400552-G | C402922-25-5 | Cap | | - | Push-button cover - Green | - | 25 |
| 400552-R | C402922-25-1 | Cap | | - | Push-button cover - Red | - | 25 |
| 400552-W | C402922-25-9 | Cap | | - | Push-button cover - White | - | 25 |
| 400552-Y | C402922-25-4 | Cap | | - | Push-button cover - Yellow | - | 25 |
| 400552-Y-R | C402210-25-4 | Cap | | - | Raised Button Cover - Yellow | - | 25 |
| 400581 | P9-900107 | OFF-MOM | - | 5 | 2 x solder - ø 12 mm | IP68 | 10 |
| 400581-B | C401244-25-6 | Cap | | gloss | Push-button cover - Blue | - | 25 |
| 400581-G | C401244-25-5 | Cap | | gloss | Push-button cover - Green | - | 25 |
| 400581-R | C401244-25-1 | Cap | | gloss | Push-button cover - Red | - | 25 |
| 400581-W | C401244-25-9 | Cap | | gloss | Push-button cover - White | - | 25 |
| 400581-Y | C401244-25-4 | Cap | | gloss | Push-button cover - Yellow | - | 25 |
| 400581-OR | C401244-25-3 | Cap | | gloss | Push-button cover - Orange | - | 25 |
| 400581-BK | C401244-25-2 | Cap | | gloss | Push-button cover - Black | - | 25 |
| 400581-GR | C401244-25-8 | Cap | | gloss | Push-button cover - Gray | - | 25 |
| 400581-G-M | C401244-25-5A | Cap | | matte | Push-button cover - Green | IP68 | 25 |
| 400581-R-M | C401244-25-1A | Cap | | matte | Push-button cover - Red | - | 25 |

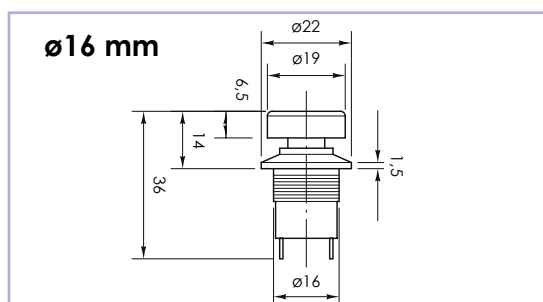
■ Manipolatore mini 2 assi ■ 2-axis mini Joystick

- Temperatura di utilizzo -55°C e 85°C
- Materiale: lega di alluminio o materiale termoplastico
- Operating temperature -55 ° C and 85 ° C
- Material: aluminium alloy or thermoplastic

| Cod. | otto ref. | A | V | | IP Grade | |
|--------|-----------|---|--------|---------------------|----------|---|
| 400624 | T4-CG2112 | 1 | 28 VDC | joystick 4 cont. | IP64 | 1 |



■ Pulsanti Otto® ø16 mm ■ Otto® push-buttons ø16 mm



| Cod. | Otto ref. | | Color | A | Notes / Connection Type | IP Grade | |
|----------|-----------|---------|-------|----|-------------------------|----------|----|
| 400523 | P3-30268 | OFF-MOM | | 10 | 2 x solder - ø 16 mm | 68 | 15 |
| 400523-Y | P3-30269 | OFF-MOM | | 10 | 2 x solder - ø 16 mm | 68 | 15 |

| Technical Data | |
|--|---|
| Standards | Devices conform with IEC 947-5-1 and EN 60947-5-1 standards |
| Certifications, Approvals | UL - CSA - IMQ |
| Air temperature near the device -during operation / for storage | -25...+70 °C -40...+80 °C |
| Enclosure material | Chromium plated zamak |
| Protection against electrical shock (according to IEC 536) | Class I |
| Mechanical durability | 1x10 ⁶ pushbuttons, selectors and joysticks 3x10 ⁵ emergency mushrooms |
| Positive opening operation (according to IEC 947-5-1) | All functions incorporating an NC contact are positive opening operation |
| Rated insulation voltage U _i -according to IEC 947-1 and EN 60947-1 -according to UL 508 and CSA C22-2 n°14 | 660V (degree of pollution 3) A300, Q300 |
| Rated impulse withstand voltage U _{imp} (IEC 947-1 and EN 60947-1) | 6 kV |
| Conventional free air thermal current I _{th} (according to IEC 947-1 and EN 60947-1) 0 < 40 °C | 10 A |
| Short-circuit protection U _e < 500 Vac - gG (gl) type fuses | 10 A |
| Operation frequency | 3600 cycles / h |
| Initial resistance between contacts | ≤25 mΩ |
| Connecting terminals | On screw with non loosable plate clamp |
| Connecting terminals | 0,75...2,5 mm ² |
| Terminal marking | according to EN 50013 |

Portalampe da incasso ø22 mm COMEPI® - COMEPI® panel lamp holders, ø22 mm

| Cod. | COMEPI ref. | Description | Color | V | IP Grade | |
|-----------|----------------|--|-------|----|----------|----|
| 400217 | ECX1053 | panel lamp holder, green | | 12 | IP20 | 20 |
| 400217-Y | ECX1052 | panel lamp holder, yellow | | | | 20 |
| 400217-BL | ECX1054 | panel lamp holder, blue | | | | 20 |
| 400217-R | ECX1051 | panel lamp holder, red | | | | 20 |
| 400225 | ECX 2051-24L | panel lamp holder, red "LED" | | 24 | IP20 | 15 |
| 400225-G | ECX 2052-24L | panel lamp holder, green"LED" | | 24 | | 15 |
| 400226 | ECX 2052-12L | panel lamp holder, green"LED" | | 12 | | 15 |
| 400226-BL | ECX 2054-12L | panel lamp holder, blu "LED" | | 12 | | 15 |
| 400213 | ATBA.9.23.12 | 12 V light bulb (12 V - 2 W, not included) | | 12 | IP20 | 20 |
| 400223-R | Q22PP1BPMHR12E | panel lamp holder, red, intermittent | | 12 | | 10 |
| 400227 | ECX2071-12R | signal acoustic light flashes 12V | | 12 | IP20 | 20 |
| 400227.01 | ECX2071-24R | signal acoustic light flashes 24V | | 24 | | 20 |

Pulsanti COMEPI® ø22 mm - COMEPI® Push-buttons ø22 mm



| Cod. | COMEPI ref. | Description | Color | IP Grade | |
|----------|-------------|-----------------------------------|-------|----------|----|
| 400453 | ECX1111 | momentary pushbutton | | IP65 | 20 |
| 400453-B | ECX1110 | momentary pushbutton | | | 20 |
| 400453-G | ECX1112 | momentary pushbutton | | | 20 |
| 400521 | ECX1100 | flat button, momentary pushbutton | | | 20 |
| 400521-R | ECX1101 | flat button, momentary pushbutton | | | 20 |
| 400521-G | ECX1102 | flat button, momentary pushbutton | | | 20 |
| 400454 | ECX1706 | silicone protection cap | | IP65 | 50 |

Comepi

■ Pulsanti di Emergenza COMEPI® ø22 mm - ■ COMEPI® Emergency push-buttons ø22 mm



| Cod. | COMEPI ref. | Description | Color | ø button (mm) | IP Grade | |
|-----------|-------------|------------------------------|-------|---------------|----------|----|
| 400457 | ECX1131 | with latch, twist to release | | 40 | IP65 | 10 |
| 400488.01 | ECX1135 | momentary | | 40 | IP65 | 10 |
| 400488 | ECX1137 | momentary | | 60 | IP65 | 10 |

■ Contatti e base comune ø22 mm COMEPI® per metallo

■ COMEPI® Main base and Contact Elements ø22 mm for metal



| Cod. | COMEPI ref. | Description | A | V | IP Grade | |
|------------|--------------|---|-----|--------|----------|-----|
| 400455 | ECX1029 | support base | | | IP65 | 25 |
| 400411 | ECX1040 | contact element (IP20) NO | 2.8 | 24 VDC | IP65 | 100 |
| 400412 | ECX1030 | contact element (IP20) NC | | | IP65 | 100 |
| 400421 | ECX1251 | selector, 2 positions, maintained | 2.8 | 21 VDC | IP65 | 20 |
| 400455.01 | ECX3029A | plastic support base for metal-body selectors | | | IP65 | 25 |
| 400411-PLT | ECX1040N | contact element NO | | | IP65 | 100 |
| 400412-PLT | ECX1030N | contact element NC | 2.8 | 24 VDC | IP65 | 100 |
| 400421.02 | ECX3055N24-L | 24 V white LED | | | IP65 | 20 |

■ Serie PLT COMEPI® ø22 mm - ■ COMEPI® ø22 mm PLT Series



| Cod. | COMEPI ref. | Description | Color | A | V | IP Grade | |
|---------------|---------------|---|-------|-----|--------|----------|-----|
| 400450-PLT | ECX4201 | momentary push button | | | | IP65 | 20 |
| 400453-PLT | ECX3111 | momentary push button | | | | IP65 | 20 |
| 400521-PLT | ECX3100 | momentary push button - flat | | | | IP65 | 20 |
| 400646-PLT | ECX4012 | green light pushb. with guard | | | | IP65 | 20 |
| 400454 | ECX1706 | silicone protection cap | - | | | IP65 | 20 |
| 400421-PLT | ECX3251 | selector, 2 positions, maintained | | | | IP65 | 20 |
| 400479-PLT | ECX3420 | key selector, 2 positions, maintained | | | | IP65 | 20 |
| 400479-K | G.513 | spare key for key selector | | | | IP65 | 2 |
| 400457-PLT | ECX3131 | with latch, twist to release, ø 40 mm | | | | IP65 | 10 |
| 400457.01-PLT | ECX4580 | with latch, twist to release, ø 40 mm PLT | | | | IP60 | 10 |
| 400488-PLT | ECX3137 | momentary, ø 60 mm | | | | IP65 | 10 |
| 400488.01-PLT | ECX3135 | momentary, ø 40 mm | | | | IP65 | 10 |
| 400455-PLT | ECX 3029 | plastic support base for plastic-body selectors serie30 | | | | IP65 | 25 |
| 400455.01-PLT | ECX 4029 | plastic support base for plastic-body selectors serie30 | | | | IP65 | 25 |
| 400411-PLT | ECX1040N | contact element NO | | 2.8 | 24 VDC | IP65 | 100 |
| 400412-PLT | ECX1030N | contact element NC | | 2.8 | 24 VDC | IP65 | 100 |
| 400424 | ECX 3055N-12L | light selector lamp holder | | - | 12 VDC | IP65 | 20 |
| 400421.02 | ECX3055N-24L | 24 V white LED | | 2.8 | 24 VDC | IP65 | 20 |
| 400421.02-R | ECX3051N-24L | 24 V red LED | | 2.8 | 24 VDC | IP65 | 20 |
| 400647 | ECX1608 | Tightening wrench | | | | | 20 |

Comepi

Selettori COMEPI® ø22 mm - COMEPI® Selectors ø22 mm



| Cod. | COMEPI ref. | Description | Color | IP Grade | |
|-----------|--------------|--|-------|----------|----|
| 400436 | ECX1241 | momentary, red | | IP65 | 20 |
| 400436-G | ECX1242 | momentary, green | | IP65 | 20 |
| 400532 | ECX1252 | 2 pos., maintained | | IP65 | 20 |
| 400533 | ECX1261 | 3 pos., maintained | | IP65 | 20 |
| 400516 | ECX1300 | 2 positions, maintained | | IP65 | 20 |
| 400421 | ECX1251 | 2 pos., maintained | | IP65 | 20 |
| 400537 | ECX1320 | 3 pos., maintained | | IP65 | 20 |
| 400542 | ECX1330 | 3 pos., momentary w/ center return | | IP65 | 20 |
| 400643 | ECX1340 | 3 pos., momentary w/ left return | | IP65 | 20 |
| 400511 | ECX1310 | 2 pos., momentary | | IP65 | 20 |
| 400409 | ECX1430 | key selector, 2 positions, with right return | | | 20 |
| 400479 | ECX1420 | key selector, 2 positions, maintained | | | 20 |
| 400586 | ECX1470 | key selector, 3 positions, maintained | | | 20 |
| 400479-K | G.513 | spare key for key selector | | | 2 |
| 400421.01 | ECX1050 | lampholder w/support base | | IP20 | 20 |
| 400213 | ATBA.9.23.12 | 12 V light bulb (12 V - 2 W) | | | 20 |

Accessori per COMEPI® ø22 mm - Accessories for COMEPI® ø22 mm



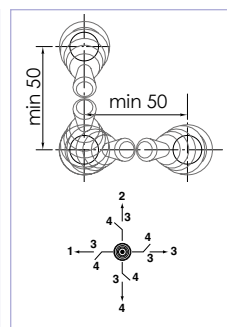
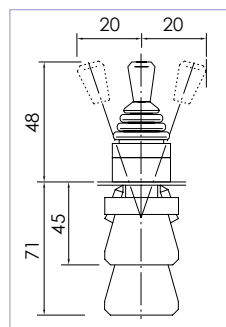
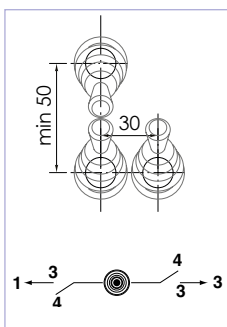
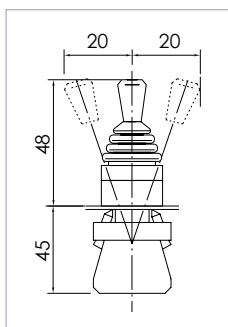
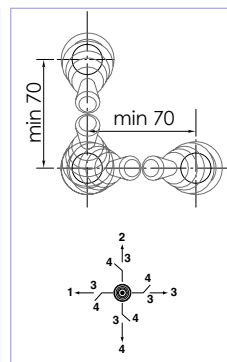
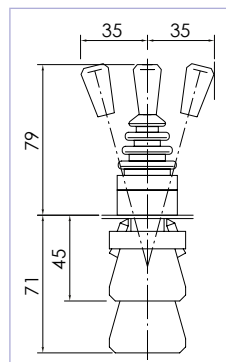
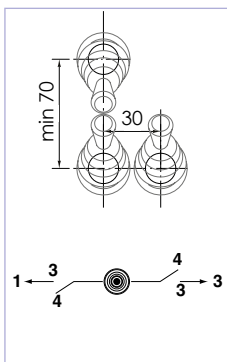
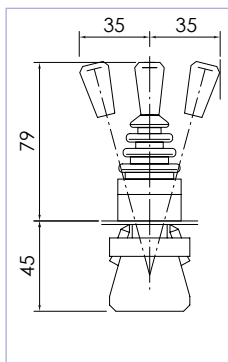
400538



400539

| Cod. | COMEPI ref. | Description | |
|--------|-------------|--------------------------|----|
| 400538 | ECX1850 | Nameplate 30x48 mm | 10 |
| 400539 | ECX1651 | "EMERGENCY STOP" sticker | 10 |

Manipolatori ø22 mm COMEPI® - COMEPI® Joysticks ø22 mm





| Cod. | COMEPI ref. | Functions | Maintained | Momentary | A | V | | | IP Grade | |
|-----------|-------------|-----------|------------|-----------|-----|--------|-------|-------|----------|---|
| 400416 | ECX1520 | 4 | - | ABCD | | | | 79 mm | | 5 |
| 400416.01 | ECX1550 | 4 | - | ABCD | | | 48 mm | 79 mm | | 5 |
| 400423 | ECX1521 | 4 | A | BCD | 2.8 | 24 VDC | | 79 mm | IP65 | 5 |
| 400427 | ECX1522 | 4 | AB | CD | | | | 79 mm | | 5 |
| 400438 | ECX1523 | 4 | ABC | D | | | | 79 mm | | 5 |
| 400442 | ECX1524 | 4 | ABCD | - | | | | 79 mm | | 5 |
| 400408 | ECX1510 | 2 | - | AB | | | | 79 mm | | 5 |
| 400408.01 | ECX1540 | 2 | - | AB | | | 48 mm | 79 mm | | 5 |
| 400431 | ECX1511 | 2 | A | B | 2.8 | 24 VDC | | 79 mm | IP65 | 5 |
| 400431.01 | ECX1541 | 2 | A | B | | | 48 mm | 79 mm | | 5 |
| 400449 | ECX1512 | 2 | AB | - | | | | 79 mm | | 5 |
| 400449.01 | ECX1542 | 2 | AB | - | | | 48 mm | 79 mm | | 5 |

Comepi - Pizzato



Finecorsa Comepi® - Comepi® limit switches



| Cod. | Comepi Ref. | Body material | Type | Contact type | Size (A x B) | A | V |  | IP Grade |  |
|------------|-------------|---|-----------------------------------|--------------|--------------|-----|--------|---|----------|---|
| 400491 | AP1T14Z11 | technopolimer | rod with cover | NO + NC | 53 x 30,3 | 6 | 24 VDC | PG 13,5 | IP65 | 1 |
| 400491.02 | AP1T14W20 | technopolimer | rod with cover | 2 NO | 53 x 30,3 | 6 | 24 VDC | PG 13,5 | IP65 | 1 |
| 400491.01 | AM1F11Z11 | metal | rod with cover | NO + NC | 53 x 30,3 | 6 | 24 VDC | PG 13,5 | IP66 | 1 |
| 400492 | AP1T35Z11 | technopolimer | with metal head | NO + NC | 53 x 30,3 | 6 | 24 VDC | PG 13,5 | IP65 | 1 |
| 400494.01 | AP1T53Z11 | technopolimer | plastic wheel with adjustable arm | | | | | | | |
| 400582 | AP1T43Z11 | technopolimer | metal wheel with arm | NO + NC | 53 x 30,3 | 6 | 24 VDC | PG 13,5 | IP65 | 1 |
| 400582.01 | AM1F43Z11 | metal | metal wheel with arm | NO + NC | 53 x 30,3 | 6 | 24 VDC | PG 13,5 | IP66 | 1 |
| 400582.02 | AP5F43Z11 | technop.+steel | metal wheel with arm | NO + NC | 53 x 30,3 | 6 | 24 VDC | M20x1,5 | IP66 | 1 |
| 400500 | AP1T98Z11A | technopolimer | with ring | NO + NC | 53 x 30,3 | 6 | 24 VDC | PG 13,5 | IP65 | 1 |
| 400583 | AP1T13X11 | technopolimer | rod with wheel | NO + NC | 53 x 30,3 | 6 | 24 VDC | PG 13,5 | IP65 | 1 |
| 400583.01 | AM1F12Z11 | metal | rod with wheel | NO + NC | 53 x 30,3 | 6 | 24 VDC | PG 13,5 | IP66 | 1 |
| 400583.02 | AP5F12Z11 | metal | rod with wheel | NO + NC | 53 x 30,3 | 6 | 24 VDC | M20x1,5 | IP66 | 1 |
| 400490 | BM1E93Z11 | metal | multidirectional - spring | NO + NC | 76,5 x 40 | 6 | 24 VDC | PG 13,5 | IP65 | 1 |
| 400490.01 | BM1E62Z11 | metal | unidirectional - spring | NO + NC | 76,5 x 40 | 6 | 24 VDC | PG 13,5 | IP66 | 1 |
| 400599 | EM1G24ZU | metal | rod with wheel | NO + NC | 31,5 x 40 | 2,8 | 24 VDC | 1m 5x0,75 cable | IP67 | 1 |
| 400600 | EM1G12ZU | metal | rod with wheel | NO + NC | 31,5 x 40 | 2,8 | 24 VDC | 1m 5x0,75 cable | IP67 | 1 |
| 400644 | EM1G11Z020U | metal | pist. | NO + NC | 31,5 x 40 | 2,8 | 24 VDC | 1m 5x0,75 cable | IP67 | 1 |
| 400439 | MP6123M | Interruttore pulsante a Pedale U/Conn. M8 | | | NO+NC | 4A | 24 VDC | M8 | IP40 | 1 |
| 400439-3.0 | XX3D030SM | Cavo M8 3p. per Pulsante a Pedale | | | | | | M8 | IP65 | 1 |

Finecorsa Pizzato® - Pizzato® limit switches



| Cod. | Pizzato Ref. | Body material | Type | Contact type | Size (A x B) | A | V |  | IP Grade |  |
|--------|--------------|---------------|-----------------------------------|--------------|--------------|---|-------|---|----------|---|
| 400494 | FD535 | metal | plastic wheel with adjustable arm | NO + NC | 60 x 40 | 3 | 24VDC | PG 13,5 | IP67 | 1 |
| 400513 | FC315 | metal | rod with wheel | NO + NC | 40 x 45,5 | 3 | 24VDC | PG 11 | IP67 | 1 |

Erich Jaeger

■ Spine Erich Jaeger® per rimorchio a 7 e 13 poli - ■ Erich Jaeger® 7 & 13 pin trailer plugs DIN 72570 / ISO 11446



| Cod. | Description | V | |
|--------|----------------------|----|---|
| 400553 | 7 poles Plug - 12 V | 12 | 1 |
| 400535 | 13 poles Plug - 12 V | 12 | 1 |

■ Erich Jaeger® tipo N a 7 e 13 poli - ■ Erich Jaeger® 7 & 13 pin type N trailer sockets

ISO 1185
ISO 1724
ISO 3731



| Cod. | Description | V | |
|-----------|-----------------------------------|----|----|
| 400503 | 7 poles Socket - 12 V | 12 | 1 |
| 400503.01 | Seal for 400503 | - | 20 |
| 400534 | 13 poles Socket - 12 V | 12 | 1 |
| 400546 | 7 poles Socket - 24 V (ISO 1185) | 24 | 1 |
| 400536 | 7 poles Socket - 24 V (ISO 3731) | 24 | |
| 906085 | 8x1 cable + 7 poles socket (12 V) | 12 | 1 |

■ Prese e Spine Accendisigari - ■ Lighter Sockets and Plugs



| Cod. | Description | A | VDC | |
|--------|---------------------------------------|-----|-------|---|
| 400509 | High Quality Lighter Socket (12/24 V) | 15 | 12/24 | 1 |
| 400508 | Unipolar Lighter Socket | 10 | 12/24 | 1 |
| 400548 | USB Socket d.27 With led | | 12/24 | 1 |
| 400502 | 2 USB Socket d.28 With led | | 12/24 | 1 |
| 400642 | USB-A + USB-C | 2,4 | 12/24 | 1 |



| Cod. | Description | A | VDC | |
|-----------|--|-----|-------|----|
| 400555 | High Quality Lighter Plug with LED (12/24 V) | 15 | 12 | 10 |
| 400555.01 | High Quality Lighter Plug | 8 | 12/24 | 10 |
| 400505 | Lighter Plug | 8 | 12/24 | 1 |
| 400506 | Unipolar Lighter Plug | 8 | 12/24 | 1 |
| 400550 | Lighter Plug 2 USB | 2,4 | 12/24 | 1 |
| 400645 | Interruttore Stacca Batteria | 120 | 60 | 1 |

Pinze a Coccodrillo - Crocodile Clips



| Cod. | Description | A | VDC | |
|--------|---------------------------------------|----|-------|----|
| 406105 | High Quality Lighter Socket (12/24 V) | 80 | 12/24 | 10 |
| 406106 | Lighter Socket | 80 | 12/24 | 10 |

Prese e Spine 10 A - 10 A Sockets & Plugs



| Cod. | Description | A | VDC | |
|--------|--------------------|----|-------|---|
| 905048 | 2 poles Socket kit | 10 | 12/24 | 1 |
| 400501 | 2 poles Socket | 10 | 12/24 | 1 |
| 400551 | 2 poles Plug | 10 | 12/24 | 1 |

Fusibili - Fuses

| Fuse (A) | | | | | | | | |
|----------|--------|--------|------------|--------|-----------|-----------|-----------|-----|
| 1 | - | - | - | 400302 | - | - | - | 100 |
| 2 | 400356 | 400360 | - | 400364 | - | 400364.02 | - | 100 |
| 3 | - | - | - | 400363 | - | 400363.02 | - | 100 |
| 3,15 | 400357 | - | - | - | - | - | - | 100 |
| 4 | 400380 | - | - | - | - | 400382.02 | 400380.03 | 100 |
| 5 | 400353 | - | - | 400362 | - | 400362.02 | - | 100 |
| 7,5 | - | - | - | 400379 | - | 400379.02 | 400379.03 | 100 |
| 8 | 400378 | - | - | - | - | - | - | 100 |
| 10 | 400352 | 400351 | - | 400358 | - | 400358.02 | 400358.03 | 100 |
| 15 | - | 400370 | - | 400366 | - | 400366.02 | 400366.03 | 100 |
| 16 | 400355 | - | - | - | - | - | - | 100 |
| 20 | 400376 | 400367 | - | 400361 | 400361.01 | 400361.02 | - | 100 |
| 25 | - | 400373 | - | 400369 | 400369.01 | 400369.02 | - | 100 |
| 30 | - | 400368 | 400381-30A | 400374 | 400374.01 | 400374.02 | - | 100 |
| 40 | - | - | 400372 | 400377 | 400377.01 | - | - | 100 |
| 60 | - | - | - | - | 400305.01 | - | - | 100 |
| 100 | - | - | 400807 | - | - | - | - | 100 |

Portafusibili - Fuseholders

| | | | |
|--|---|--|---|
| 400303 10 A 250 V 10 pz. | 400309 16 A 250 V 10 pz. | 400314 10 A 250 V Bakelite 10 pz. | 400301 15 A 250 V 10 pz. |
| 400313 125 A 12-24 V 10 pz. | 400315 "MIDI" 150 A 32 V 10 pz. | 400365 40 A 12-80 V 10 pz. | 400312 40 A 12-50 V 10 pz. |
| 400308 10 pz. 30 A 12-24 V UL - 12 AWG Cable | 400308.03 10 pz. 40 A 12-24 V UL - 10 AWG Cable | 400308.01 10 pz. 80 A 12-24 V UL - 8 AWG Cable | 400308.02 10 pz. 30 A 12-24 V UL - 12 AWG Cable |

Deutsch

Connettori Deutsch® serie DT/DTP

IP67


Deutsch® DT/DTP series connectors





IP67

Contatti in rame nickelato perfilati di diametro massimo AWG16 (1,5mm²).
 • materiale termoplastico con aggancio a scatto;
 • guarnizioni in silicone per una maggior resistenza all'umidità (IP68);
 • range di funzionamento da -55°C a +125°C;
 • corrente massima 13A (AWG20) @ 125°C continui;
 • contatti inseribili ed estraibili manualmente;
 • cappucci protettivi in PVC (optional).






Nickel-plated copper contacts for wires up to 1,5 mm² (AWG 16).
 • thermo-plastic material with snap coupling
 • silicon seals for higher humidity resistance (IP68)
 • operating range from -55°C to 125°C
 • 13A maximum current (AWG 20) at continuous 125°C
 • contacts can be inserted and removed manually
 • PVC protection covers (optional)

| Cod. | Deutsch ref. | # |  |
|--|---|--|---|
| NEW 406185.01 406184.01 406297.01 406203.01 406301.01 406188.01 | Salvarani product | 2 | 10 |
| 3 | | 10 | |
| 4 | | 10 | |
| 6 | | 10 | |
| 8 | | 10 | |
| 12 | | 10 | |
| 406010 406309 | DTHD-04-1-4-P DTHD-04-1-8-P | 1 1 | 10 10 |
| 406327 406483 | DTP04-2P DTP04-4P | 2 4 | 10 10 |
| 406093.01 406425 406206.01 | DT042P-E008 DT042P-E005 DT044P-E008 | 2 2 4 | 10 10 10 |
| 406186 406184 406297 406203 406301 406188 | DT2P-BT DT3P-BT DT4P-BT DT6P-BT DT8P-BT DT12P-BT | 2 3 4 6 8 12 | 10 10 10 10 10 10 |
| 406184-BK 406297-BK 406203-BK 406301-BK 406188-BK | DT3P-BT-BK DT4P-BT-BK DT6P-BT-BK DT8P-BT-BK DT12P-BT-BK | 3 4 6 8 12 | 10 10 10 10 10 |
| 406093 406089 406167 406206 406085 406180 406081 406780 | DT04-2P DT04-3P DT04-3P-P007 DT04-4P DT04-6P DT04-08PA DT04-12PA DT04-12PB | 2 3 3 α Y 4 6 8 12 12 | 10 10 10 10 10 10 10 10 |
| 406089.02 406430 406081.01 406081.02 | DT04-3P-LE08 DT04-08PA-CL06 DT04-12PA-LE01 DT04-12PA-LO12 | 3 8 12 12 | 10 10 10 10 |
| 406096 406327.01 406091 406208 406483.01 406087 406182 406084 | W-2P WP-2P W-3P W-4P WP-4P W-6P W-8P W-12P | 2 2 3 4 4 6 8 12 | 10 10 10 10 10 10 10 10 |

| Cod. | Deutsch ref. | # |  |
|---|---|---|---|
| NEW 406186.01 406183.01 406210.01 406202.01 406211.01 406187.01 | Salvarani product | 2 | 10 |
| 3 | | 10 | |
| 4 | | 10 | |
| 6 | | 10 | |
| 8 | | 10 | |
| 12 | | 10 | |
| 406830 406310 | DTHD06-1-4S DTHD-06-1-8-S | 1 1 | 10 10 |
| 406422 406424 | DTP 06-2S DTP 06-4S | 2 4 | 10 10 |
| 406207.01 406185 406183 406210 406202 406211 406187 | DT064S-E008 DT2S-BT DT3S-BT DT4S-BT DT6S-BT DT8S-BT DT12S-BT | 4 2 3 4 6 8 12 | 10 10 10 10 10 10 10 |
| 406185-BK 406183-BK 406210-BK 406202-BK 406211-BK 406187-BK | DT2S-BT-BK DT3S-BT-BK DT4S-BT-BK DT6S-BT-BK DT8S-BT-BK DT12S-BT-BK | 2 3 4 6 8 12 | 10 10 10 10 10 10 |
| 406094 406094.01 406094.02 406090 406042 406207 406086 406086.02 406179 406082 406765 406715 | DT06-2S DT06-2S-E008 DT06-2S-EP06 DT06-3S DT06-3S-EP06 DT06-4S DT06-6S DT06-6S-P012 DT06-08SA DT06-12SA DT06-12SB DT16-18SA-K004 | 2 2 2 3 3 4 6 6 8 12 12 18 | 10 10 10 10 10 10 10 10 10 10 10 10 |
| 406095 406422.01 406092 406042.01 406209 406424.01 406088 406088.02 406181 406083 | W-2S WP-2S W-3S W3S-P012 W-4S WP-4S W-6S W6S-P012 W-8S W-12S | 2 2 3 3 4 4 6 6 8 12 | 10 10 10 10 10 10 10 10 10 10 |

| | | | |
|--|---|--|--|
| BL-406524 406524 | 1060160122 1060160122 | 0,75-1,5 0,75-1,5 | 100 4000  |
| BL-406586 406586 | 1060160622 1060160622 | 0,5-1,0 0,5-1,0 | 100 4000  |
| BL-406584 406584 BL-406655 406655 | 1060161222 1060161222 1060-12-0166 1060-12-0166 | 1,0-2,5 1,0-2,5 2,0-3,0 2,0-3,0 | 100 3200  100 2500  |
| 406616 406625 406652 406577 | 0460-202-16141 0460-204-12141 0460-204-0490 0460-204-08141 | 0,5-1,0 2,0-3,0 13,0-16,0 5,0-8,0 | 10 10 10 10 |

| | | | |
|---------------|------------------|---|----|
| 406094.01-LED | DT06-2S-STD-CE27 | 2 | 10 |
| 406095-L12V | W2S-SDT-12V | 2 | 10 |
| 406095-L24V | W2S-SDT-24V | 2 | 10 |

| | | | |
|--|--|---|--|
| BL-406525 406525 406620 BL-406572.01 406572.01 BL-406587 406587 BL-406585 406585 406679 406572 406576 406608 | 1062160122 1062160122 1062140122 1062-12-0166 1062-12-0166 1062160622 1062160622 1062-16-1222 1062161222 0462-201-16141 0462-203-12141 0462-203-08141 0462-203-04141 | 0,75-1,5 0,75-1,5 0,8-2,0 2,0-3,0 2,0-3,0 0,5-1,0 0,5-1,0 1,0-2,5 1,0-2,5 0,5/1,5 2,0-3,0 5,0-8,0 13-16 | 100 4000  4000  100 2500  100 4000  100 3200  10 10 10 10 |
|--|--|---|--|

Deutsch

Connettori Deutsch® serie HDP/HD

IP67

Deutsch® HDP/HD series connectors

IP67


Disponibili in versione da 31 contatti. Contatti in rame nickelato per fili di diametro massimo AWG16 (1,5mm²). Utilizza i contatti Deutsch della serie DT e connettori di potenza specifici.

- connettore in robusto materiale termoplastico;
- guarnizioni in silicone per una maggior resistenza all'umidità (IP67);
- range di funzionamento da -55°C a +125°C ;
- corrente massima 7,5A (AWG20), 13A (AWG20) @ 125°C continui;


31 contacts version available. Nickel-plated copper contacts for wires up to 1,5 mm² (AWG 16). It uses Deutsch DT series contacts and specific power contacts.


- thermo-plastic material;
- silicon seals for higher humidity resistance (IP67);
- operating range from -55°C to 125°C;
- 7.5A maximum current (AWG 16), 13A at continuous 125°C (AWG20);







| Cod. | Deutsch ref. | # |  |
|-----------|--------------------|-------|---|
| 406751 | HDP24-18-14SE-L017 | 14 | 1 |
| 406758 | HDP24-18-14PE-L017 | 14 | 1 |
| 406429 | HDP24-24-19PE | 19 | 1 |
| 406731 | HDP24-24-18-PN | 18 | 1 |
| 406435 | HDP24-24-21-PN | 21 | 1 |
| 406757 | HDP24-24-21PN-L017 | 21 | 1 |
| 406428 | HDP24-24-23SN | 23 | 1 |
| 406270 | HDP24-24-31-PT | 31 | 1 |
| 406442 | HDP24-24-31-SE | 31 | 1 |
| 406825 | HDP24-24-47PE | 47 | 1 |
| 406770 | HD34-18-8PN | 8 | 1 |
| 406702 | HD34-24-91PN | 9 | 1 |
| 406769 | HD34-18-14PN | 14 | 1 |
| 406741 | HD34-24-19PN | 19 | 1 |
| 406720 | HD34-24-23PN-059 | 23 | 1 |
| 406448 | HD34-24-31PE | 31 | 1 |
| 406270.01 | 2414-001-2486 | - | 1 |
| 406270.02 | 2411-001-2405 | 24 | 1 |
| 406270.03 | 112263-90 | 24 | 1 |
| 406769.03 | 114020-90 | 18 | 1 |
| 406464 | HDC16-9 | tappo | 1 |
| 406784 | HDC36-18 | tappo | 1 |








| Cod. | Deutsch ref. | # |  |
|--------|--------------------|----|---|
| 406749 | HDP26-18-14SE-L017 | 14 | 1 |
| 406750 | HDP26-18-14PE-L017 | 14 | 1 |
| 406280 | HDP26-24-18-SN | 18 | 1 |
| 406427 | HDP26-24-19SE | 19 | 1 |
| 406434 | HDP26-24-21-SE | 21 | 1 |
| 406756 | HDP26-24-21SN-L017 | 21 | 1 |
| 406269 | HDP26-24-31-ST | 31 | 1 |
| 406443 | HDP26-24-31-PE | 31 | 1 |
| 406836 | HDP26-24-47-SE | 47 | 1 |

| Cod. | Deutsch ref. | # |  |
|-----------|------------------|--------|---|
| 406694 | HD36-18-8SN | 8 | 1 |
| 406695 | HD36-18-14SN | 14 | 1 |
| 406446 | HD36-24-23SE | 23 | 1 |
| 406719 | HD36-24-23SN-059 | 23 | 1 |
| 406400 | HD36-24-31SE | 31 | 1 |
| 406427.01 | HD30-24BT-BK | cuffia | 1 |
| 406783 | HDC34-18 | tappo | 1 |
| 406447 | HDC-34-24 | tappo | 1 |
| 406696 | 0428-204-1890 | HD30 | 1 |
| 406696.01 | 0409-201-1800 | HD30 | 1 |
| 406752 | 2428-016-1805 | HDP | 10 |
| 406755 | 2428-010-2405 | HDP | 10 |

| | | | |
|-----------|----------------|-----------|--|
| BL-406524 | 1060160122 | 0,75-1,5 | 100 |
| 406524 | 1060160122 | 0,75-1,5 | 4000  |
| BL-406586 | 1060160622 | 0,5-1,0 | 100 |
| 406586 | 1060160622 | 0,5-1,0 | 4000  |
| BL-406584 | 1060161222 | 1,0-2,5 | 100 |
| 406584 | 1060161222 | 1,0-2,5 | 3200  |
| BL-406655 | 1060-12-0166 | 2,0-3,0 | 100 |
| 406655 | 1060-12-0166 | 2,0-3,0 | 2500  |
| 406616 | 0460-202-16141 | 0,5-1,0 | 10 |
| 406625 | 0460-204-12141 | 2,0-3,0 | 10 |
| 406652 | 0460-204-0490 | 13,0-16,0 | 10 |
| 406577 | 0460-204-08141 | 5,0-8,0 | 10 |



| | | | |
|--------------|----------------|----------|--|
| BL-406525 | 1062160122 | 0,75-1,5 | 100 |
| 406525 | 1062160122 | 0,75-1,5 | 4000  |
| 406620 | 1062140122 | 0,8-2,0 | 4000  |
| BL-406572.01 | 1062-12-0166 | 2,0-3,0 | 100 |
| 406572.01 | 1062-12-0166 | 2,0-3,0 | 2500  |
| BL-406587 | 1062160622 | 0,5-1,0 | 100 |
| 406587 | 1062160622 | 0,5-1,0 | 4000  |
| BL-406585 | 1062-16-1222 | 1,0-2,5 | 100 |
| 406585 | 1062161222 | 1,0-2,5 | 3200  |
| 406679 | 0462-201-16141 | 0,5/1,5 | 10 |
| 406572 | 0462-203-12141 | 2,0-3,0 | 10 |
| 406576 | 0462-203-08141 | 5,0-8,0 | 10 |
| 406608 | 0462-203-04141 | 13-16 | 10 |

Deutsch

Connettori Deutsch® serie DTM

IP67

Deutsch® DTM series connectors

IP67

- materiale termoplastico con aggancio a scatto;
- guarnizioni in silicone per una maggior resistenza all'umidità (IP68);
- range di funzionamento da -55°C a +125°C ;
- corrente massima 7,5A @ 125°C continui;

- thermo-plastic material with snap coupling;
- silicon seals for higher humidity resistance (IP68);
- operating range from -55°C to 125°C;
- 7,5A maximum current at continuous 125°C.



| Cod. | Deutsch ref. | # | |
|-----------|--------------------------|----|----|
| 406737.01 | Salvarani product | 4 | 10 |
| 406738.01 | | 6 | 10 |
| 406740.01 | | 12 | 10 |



| Cod. | Deutsch ref. | # | |
|-----------|--------------------------|----|----|
| 406733.01 | Salvarani product | 4 | 10 |
| 406734.01 | | 6 | 10 |
| 406736.01 | | 12 | 10 |



| Cod. | Deutsch ref. | # | |
|--------|--------------|----|----|
| 406291 | DTM04-2P | 2 | 10 |
| 406293 | DTM04-3P | 3 | 10 |
| 406296 | DTM04-4P | 4 | 10 |
| 406288 | DTM04-6P | 6 | 10 |
| 406744 | DTM04-8P | 8 | 10 |
| 406190 | DTM04-12PA | 12 | 10 |



| Cod. | Deutsch ref. | # | |
|-------------|-----------------|----|----|
| 406292 | DTM06-2S | 2 | 10 |
| 406294 | DTM06-3S | 3 | 10 |
| 406295 | DTM06-4S | 4 | 10 |
| 406290 | DTM06-6S | 6 | 10 |
| 406724 | DTM06-08SA | 8 | 10 |
| 406189 | DTM06-12SA | 12 | 10 |
| 406189-B | DTM06-12SB | 12 | 10 |
| 406189.01 | DTM06-12SA-E007 | 12 | 10 |
| 406189-B.01 | DTM06-12SB-E007 | 12 | 10 |



| Cod. | Deutsch ref. | # | |
|-----------|--------------|----|----|
| 406291.01 | WM2P | 2 | 10 |
| 406293.01 | WM3P | 3 | 10 |
| 406296.01 | WM4P | 4 | 10 |
| 406288.01 | WM6P | 6 | 10 |
| 406744.01 | WM8P | 8 | 10 |
| 406191 | WM12P | 12 | 10 |



| Cod. | Deutsch ref. | # | |
|-----------|--------------|----|----|
| 406292.01 | WM2S | 2 | 10 |
| 406294.01 | WM3S | 3 | 10 |
| 406295.01 | WM4S | 4 | 10 |
| 406290.01 | WM6S | 6 | 10 |
| 406724.01 | WM8S | 8 | 10 |
| 406192 | WM12S | 12 | 10 |
| 406322 | DTM2S-BT | 2 | 10 |



| Cod. | Deutsch ref. | Section (mm²) | |
|--------|---------------|---------------|----|
| 406458 | 1028-034-1205 | 12 | 10 |



| Cod. | Deutsch ref. | Section (mm²) | |
|--------|---------------|---------------|----|
| 406459 | 1028-015-1205 | 12 | 10 |



| Cod. | Deutsch ref. | Section (mm²) | |
|-----------|--------------|---------------|------|
| BL-406546 | 1060200122 | 0,5-1 | 100 |
| 406546 | 1060200122 | 0,5-1 | 4000 |



| Cod. | Deutsch ref. | Section (mm²) | |
|-----------|--------------|---------------|------|
| BL-406547 | 1062200122 | 0,5-1 | 100 |
| 406547 | 1062200122 | 0,5-1 | 4000 |
| 406547.01 | 1062200144 | 0,5-1 | 4000 |

Gold Series

Accessori per Deutsch® - Deutsch® accessories



| Cod. | Deutsch ref. | Description | Serie | |
|-----------|---------------|-----------------------------------|------------|-----|
| 406264.01 | 0413-204-2005 | Plug for unused contacts | DTM | 100 |
| 406264.02 | 0413-003-1605 | Plug for unused contacts | HD | 100 |
| 406264 | 114017 | Plug for unused contacts | DT-HPD-DRC | 100 |
| 406339 | 1011-310-0205 | Mounting clip | DT/DTM | 10 |
| 406045 | 1011-237-0405 | Adap. X Sleeve Corr. C.deutsch 4P | | |




| Cod. | Deutsch ref. | Description | Combined | |
|--------|---------------|-----------------------------------|--------------------------|----|
| 406703 | 1011-344-0205 | Caps Connet.deutsch 2 Poli M.P.F | DT06-2S | 10 |
| 406704 | 1011-345-0305 | Caps Connet.deutsch 3 Poli M.P.F | DT06-3S | 10 |
| 406705 | 1011-346-0405 | Caps Connet.deutsch 4 Poli M.P.F | DT06-4S | 10 |
| 406706 | 1011-347-0605 | Caps Connet.deutsch 6 Poli M.P.F | DT06-6D | 10 |
| 406707 | 1011-348-0805 | Caps Connet.deutsch 8 Poli M.P.F | DT06-08S | 10 |
| 406708 | 1011-349-1205 | Caps Connet.deutsch 12 Poli M.P.F | DT06-12S DT16-15S/18S | 10 |

Connettori Deutsch® serie DRC

Connettori per applicazioni critiche, con guarnizioni siliconiche.

- isolamento dielettrico 1500 VAC
- resistenza isolamento 1000 megaOhm
- temperatura d'esercizio -55 °C - +125 °C
- corrente massima 13A

| Cod. | Deutsch ref. | #/Note |  |
|-----------|---------------|-----------------|---|
| 406273 | DRC16-24-SB | 24 | 1 |
| 406420 | DRC16-40SA | 40 | 1 |
| 406433 | DRC12-40PA | 40 | 1 |
| 406649 | DRC26-50S01 | 50 | 1 |
| 406361 | DRC12-70PA | 70 | 1 |
| 406421 | DRC16-70SA | 70 | 1 |
| 406273.01 | DRC24BT | hood for 406273 | 1 |
| 406420.01 | DRC40BT | hood for 406420 | 1 |
| 406421.01 | DRC70BT | hood for 406421 | 1 |
| 406650 | 0528-001-5005 | hood for 406649 | 1 |

Deutsch® DRC series connectors

Heavy duty connectors, with silicon seals

- dielectric insulation 1500 VAC
- insulation resistance 1000 megaOhm
- operating range from -55°C to 125°C
- 13A maximum current



Tyco

Connettori Tyco® serie CPC

Disponibili nei modelli da 4 a 37 contatti (4, 16, 24, 37). Contatti in ottone con molle in acciaio per fili diametro AWG 18-16 (1-1,5mm²).


- connettore in termoplastica;
- corrente massima supportata 13A;
- range di funzionamento da -55°C a +125°C.

Tyco® CPC series connectors


Available from 4 to 37 contacts (4, 9, 16, 24, 37) Brass contacts with steel springs for wires 1-1,5 mm² (AWG18-16).

- thermo-plastic connector;
- 13A maximum current;
- operating range from -55°C to 125°C.




| Cod. | Tyco ref. | # |  |
|-----------|------------|-------|--|
| 406261 | 10206062/6 | 4 | 1 |
| 406272.01 | 206966/7 | 9 | 1 |
| 406689 | 206070-8 | 14 | 1 |
| 406037 | 182655/1 | 16 | 1 |
| 406032 | 182652/1 | 24/37 | 1 |
| 406645 | 182661-1 | 28 | 1 |




| Cod. | Tyco ref. | # |  |
|-----------|------------|-------|--|
| 406261 | 10206062/6 | 4 | 1 |
| 406272.01 | 206966/7 | 9 | 1 |
| 406689 | 206070-8 | 14 | 1 |
| 406037 | 182655/1 | 16 | 1 |
| 406032 | 182652/1 | 24/37 | 1 |
| 406645 | 182661-1 | 28 | 1 |



| Cod. | Tyco ref. | # /Note |  |
|-----------|-----------|---------|---|
| 406379 | 206036/2 | 3 | 25 |
| 406379.01 | 206403/2 | O-ring | 100 |
| 406818 | 206061-1 | 4 | 25 |
| 406272 | 182922/1 | 9 | 1 |
| 406038 | 182916/1 | 16 | 1 |
| 406033 | 206838/1 | 24 | 1 |
| 406035 | 182918/1 | 37 | 1 |



| Cod. | Tyco ref. | # /Note |  |
|--------|-----------|---------|---|
| 406466 | 206037/2 | 3 | 1 |
| 406274 | 206708/1 | 9 | 1 |
| 406690 | 182649-1 | 14 | 1 |
| 406036 | 206037/1 | 16 | 1 |
| 406031 | 206837/1 | 24 | 1 |
| 406643 | 205839-3 | 28 | 1 |
| 406034 | 182923/1 | 37 | 1 |



| | | | |
|--------|----------|----|---|
| 406329 | 208471-1 | 37 | 1 |
|--------|----------|----|---|



| | | | |
|--------|----------|----|---|
| 406328 | 208470-3 | 37 | 1 |
|--------|----------|----|---|



| | | | |
|--------|----------|----|---|
| 406262 | 206429/1 | 4 | 1 |
| 406200 | 182926/1 | 37 | 1 |



| | | | |
|--------|----------|----|---|
| 406260 | 206430/1 | 4 | 1 |
| 406263 | 206430-2 | 4 | 1 |
| 406224 | 182920/1 | 37 | 1 |



| | | | |
|--------|----------|---------|---|
| 406475 | 206903/2 | 4 | 1 |
| 406374 | 208680/1 | 24/37 | 1 |
| 406110 | 211870-2 | SIZE 13 | 1 |



| | | | |
|-----------|-----------|-------------|------|
| BL-406513 | 1-66100-9 | 0,75±1,5mm² | 100 |
| 406513 | 1-66100-9 | 0,75±1,5mm² | 4000 |



| | | | |
|-----------|-----------|-------------|------|
| BL-406512 | 1-66098/8 | 0,75±1,5mm² | 100 |
| 406512 | 1-66098/8 | 0,75±1,5mm² | 4000 |
| 406819 | 1-66359-4 | 18÷14 | 4000 |

Gold Series

| | | | |
|-----------|---------|-------------|------|
| 406513.01 | 66100/9 | 0,65±1,6mm² | 4000 |
| 406644 | 66504-3 | 0,3±0,5mm² | 10 |



| | | | |
|-----------|-----------------------------------|--|----|
| BL-000001 | Kit Connett.amp Cpc 9p.vol.p/F | | 10 |
|-----------|-----------------------------------|--|----|

Gold Series

| | | | |
|-----------|------------------------------------|----------|----|
| 406607 | 66740/6 | 2 ÷ 3mm² | 10 |
| 406631 | 66740/2 | 2 ÷ 3mm² | 10 |
| BL-000002 | Kit Connett.amp Cpc 9p.pann.p/M | | 10 |

Connettori Tyco® Superseal

IP67

Contatti in ottone stagnato per fili diametro AWG 22-16 (0,3 - 1,5 mm²).

- connettore in nylon 66 caricato vetro;
- guarnizioni e passacavo in silicone IP67
- range di funzionamento da -40°C a +125°C ;
- resistenti a ozono, sali, gasolio, benzina, liquido freni, antigelo, lubrificanti.
- corrente massima 14A con cavo AWG16.



| Cod. | Tyco ref. | # | Section (mm ²) | |
|--------------|-------------|---|----------------------------|------|
| 406204 | 282104/1 | 2 | - | 50 |
| 406240 | 282105/1 | 3 | - | 50 |
| 406218 | 282106/1 | 4 | - | 50 |
| 406334 | 282107/1 | 5 | - | 50 |
| 406335 | 282108/1 | 6 | - | 50 |
| BL-406552 | 282109/1 | | AWG 20-16 | 100 |
| 406552 | 282109/1 | | AWG 20-16 | 4000 |
| BL-406552.01 | 282404/1/4K | | AWG 22-20 | 100 |
| 406552.01 | 282404/1/4K | | AWG 22-20 | 4000 |

| Cod. | Tyco ref. | Material | Ø (mm) | # | |
|-----------|-----------|----------|--------|-----|----|
| 406205 | 75553 | NBR | 4 | 2 | 50 |
| 406238 | 76319 | | 4 | 3 | 50 |
| 406238.01 | | | 6 | 3 | 50 |
| 406222 | 75554 | | 6 | 4 | 50 |
| 406336 | 75555 | | 6 | 5/6 | 50 |
| 406205.01 | | EPDM | 4 | 2 | 50 |
| 406238.02 | | | 6 | 3 | 50 |
| 406222.01 | | | 6 | 4 | 50 |
| 406336.01 | | | 6 | 5/6 | 50 |

Tyco® Superseal connectors

IP67

Tin-plated brass contacts for wires 0,3 - 1,5 mm² (AWG22-16).

- glass-filled nylon 66;
- IP67 silicon seals and cable grip
- operating range from -40°C to 125°C ;
- protection against ozone, minerals, diesel, petrol, brake fluid, antifreeze, lubricants
- 14A maximum current with AWG16 cable.



| Cod. | Tyco ref. | # | Section (mm ²) | |
|--------------|-------------|------|----------------------------|------|
| 406249 | 282080/1 | 2 | - | 50 |
| 406237 | 282087/1 | 3 | - | 50 |
| 406219 | 282088/1 | 4 | - | 50 |
| 406332 | 282089/1 | 5 | - | 50 |
| 406333 | 282090/1 | 6 | - | 50 |
| 406220-R | 281934/3 | | 2,8 ÷ 3,3 | 1000 |
| 406220 | 281934/2 | | 1,5 ÷ 2,5 | 1000 |
| 406220-G | 281934/4 | | 0,5 ÷ 1,5 | 1000 |
| 406221 | 282081/1 | | closed cap | 1000 |
| BL-406551 | 282110/1 | | AWG 20-16 | 100 |
| 406551 | 282110/1 | | AWG 20-16 | 4000 |
| BL-406551.01 | 282403/1/4K | | AWG 22-20 | 100 |
| 406551.01 | 282403/1/4K | | AWG 22-20 | 4000 |
| 406384 | 3-1437290-7 | 26 | | 10 |
| 406763 | 4-1437284-3 | PLUG | | 100 |

Connettori Tyco® serie Ampseal

- tensione di esercizio 250V AC
- corrente continua massima 17A
- temperatura di esercizio -40 °C a +105 °C
- certificazioni UL 94V-0

406350



Gold Series

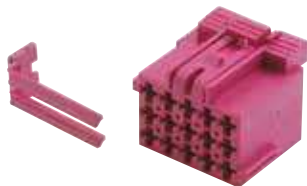
Tyco® Ampseal series connectors

- 250V AC operating voltage
- 17A maximum current
- operating range from -40°C to 105°C
- UL 94V-0 certified

| Cod. | Tyco ref. | # / Section | |
|-----------|-----------|----------------------------|------|
| 406742 | 776488-1 | 4 | 1 |
| 406440 | 776286-1 | 8 | 1 |
| 406437 | 770680-1 | 23 | 1 |
| 406437-W | 770680-2 | 23 | 1 |
| 406350-BL | 776164-5 | 35 | 1 |
| 406350 | 776164-1 | 35 | 1 |
| 406441 | 770520-1 | 0,5 - 1,5 mm ² | 5000 |
| 406597 | 770854-3 | 0,5 - 1,25 mm ² | 100 |
| 406743 | 776298-1 | AWG 22-20 | 100 |
| 406686 | 776464-1 | Cover per 23 | 10 |
| 406716 | 776463-1 | Cover per 35 | 10 |

Connettori Tyco® serie JPT

406331.01



406331

Tyco® JPT series connectors

| Cod. | Tyco ref. | # / Section | |
|-----------|------------|---------------------------|------|
| 406331 | 1-967623-1 | 15 | 1 |
| 406331.01 | 967633-1 | - | 1 |
| 406593 | 927771-3 | 0,5 - 1,5 mm ² | 4000 |

Accessori per Tyco® - Tyco® accessories

406076



| Cod. | Tyco ref. | Description | Serie | |
|--------|-----------|--|-------|----|
| 406076 | 213812/1 | Coupling ring for 24/37 pins connector | CPT | 10 |

Connettori Tyco® serie Junior Power Timer

- tensione di esercizio 12-24V DC
- corrente continua massima 24A
- temperatura di esercizio -30 °C a +125 °C



Tyco® Junior Power Timer series connectors

- 12-24V DC operating voltage
- 24A maximum current
- operating range from -30 °C to 125 °C

| Cod. | Description | Tyco ref. | # / Section | |
|------------------|---|------------|-------------------------|------|
| 406454 | Conn. 2 Pins P/F | 282189-1 | 2 | 10 |
| 406500 | Conn. 4 Pins P/F | 282764-1 | 4 | 10 |
| 406482 | Conn. 4 Pins P/F | 1-967059-1 | 4 | 10 |
| 406482-GR | Conn. 4 Pins P/F-Gray | 2-967059-1 | 4 | 10 |
| 406787 | Conn. 42 P. P/F JPT Splash-Proof | 1-967281-1 | 42 | 10 |
| 406787.01 | Piastrina intermedia conn.42 P. JPT | 963225-1 | piastrina | 10 |
| 406786 | Conn. Power Timer Hsg 55 poli | 828907-1 | 55 | 10 |
| 706786.01 | Cover conn. PowerTimer Hsg55 p. | 929674-1 | calotta | 10 |
| 406627 | Faston. Fem. | 929939-3 | 0,5 - 1 mm ² | 3750 |
| BL-406627 | Faston. Fem. | 929939-3 | 0,5 - 1 mm ² | 100 |
| 406609 | Faston Micro-P-Timer F.0,5-1,5mm ² | 962876-1 | 0,5-1,5mm ² | 100 |
| 406626 | Blue rubber cap | 828904-1 | øe 2,1mm | 100 |
| 406774-T | Closed cap | 963531-1 | øe 3mm | 1000 |
| 406774 | Grey rubber cap | 963530-1 | | 1000 |
| 406626-T | Closed cap | 828922-1 | | 1000 |
| 406626-W | White rubber cap | 828905-1 | | 1000 |

Connettori Tyco® MATE-N-LOK

Ogni connettore può montare entrambi i tipi di contatto. Contatti in ottone stagnato per fili diametro AWG 20-14 (0,5 - 2mm²).

- connettore in poliammide 6.6, passo 6,35mm;
- grado di protezione IP57 con guarnizione e gommino;
- range di funzionamento da -55°C a +105°C ;
- corrente massima 16A, tensione massima 380V;
- nuova protezione esterna.

Tyco® MATE-N-LOK connectors

Both contacts can be mounted on each connector. Tin-plated brass contacts for wires 0,5 - 2mm² (AWG 20-14).

- 6.6 polyamide connector, 6.35 mm pitch;
- IP57 protection with seal and rubber plug;
- operating range from -55°C to 105°C ;
- 16A maximum current, 380V maximum voltage;
- new external protection.

| Cod. | Tyco ref. | # | |
|------------------|--------------------------|----|------|
| 406112 | 1/480699/0 | 2 | 100 |
| 406111 | 1/480701/0 | 3 | 100 |
| 406163 | 1/480703/0 | 4 | 100 |
| 406143 | 1/480705/0 | 6 | 100 |
| 406147 | 1/480707/0 | 9 | 100 |
| 406141 | 1/480709/0 | 12 | 100 |
| 406141-BK | 1-480709-9 | 12 | 100 |
| 406063 | 1/480711/0 | 15 | 100 |
| 406481 | Salvarani product | 9 | 10 |
| 406302 | | 12 | 10 |
| 406319 | | 15 | 10 |
| 406499 | Salvarani product | 12 | 10 |
| 406127 | 794270/1 | 2 | 100 |
| 406129 | 794247/1 | 3 | 100 |
| 406164 | 794274/1 | 4 | 100 |
| 406144 | 764276/1 | 6 | 100 |
| 406148 | 794278/1 | 9 | 100 |
| 406138 | 794280/1 | 12 | 100 |
| 406137 | 794282/1 | 15 | 100 |
| BL-406064 | 350218/1/5K | | 100 |
| 406064 | 350218/1/5K | | 5000 |
| 406229 | 770377-1 | | 100 |

| Cod. | Tyco ref. | # | |
|------------------|--------------------------|----|------|
| 406113 | 1/480698/0 | 2 | 100 |
| 406062 | 1/480700/0 | 3 | 100 |
| 406162 | 1/480702/0 | 4 | 100 |
| 406142 | 1/480704/0 | 6 | 100 |
| 406146 | 1/480706/0 | 9 | 100 |
| 406140 | 1/480708/0 | 12 | 100 |
| 406140-BK | 1-480708-9 | 12 | 100 |
| 406061 | 1/480710/0 | 15 | 100 |
| 406481 | Salvarani product | 9 | 10 |
| 406302 | | 12 | 10 |
| 406319 | | 15 | 10 |
| 406128 | 794269/1 | 2 | 100 |
| 406130 | 794271/1 | 3 | 100 |
| 406165 | 794273/1 | 4 | 100 |
| 406145 | 794275/1 | 6 | 100 |
| 406149 | 794277/1 | 9 | 100 |
| 406139 | 794279/1 | 12 | 100 |
| 406136 | 794281/1 | 15 | 100 |
| BL-406065 | 350536/1/5K | | 100 |
| 406065 | 350536/1/5K | | 5000 |

Connettori Tyco



| Cod. | Tyco | Description | # | |
|------------------|------------|------------------------------------|---|---|
| 406824 | 1-967325-1 | Conn.tyco Hsg 4p. P/F Vol. | 4 | 1 |
| 406722 | 967650-1 | Conn.tyco Hsg 7p. P/F Vol. | 7 | 1 |
| 406722.01 | 965783-1 | Calotta 90°X Conn.tyco Hsg 7p. P/F | | 1 |

Tyco connectors

Amphenol

Connettore circolare Amphenol serie ISOBUS

- tensione di esercizio 24 V DC
- corrente continua massima 5A (4 x 0.5 mm²), 25A (2 x 2.5 mm²), 70A (2 x 10 mm²)
- temperatura di esercizio -40 °C - +125 °C
- materiale poliammide
- n° contatti 9
- grado di protezione IP67 - IP69K



Amphenol ISOBUS series Circular Connector

- operating voltage 24 V DC
- maximum current 5A (4 x 0.5 mm²), 25A (2 x 2.5 mm²), 70A (2 x 10 mm²)
- operating range from -40 °C to +125 °C
- material polyamide
- n° 9 pins
- IP67 - IP69K protection

| Cod. | Amphenol ref. | # / Section | |
|--------|----------------------------|-------------|---|
| 406471 | AHDP06-24-91S-BS1-K10M Kit | 9 | 1 |
| 406472 | AHDC24-24 | Cap | 1 |

Hirschmann®/Amphenol® serie CA

IP67

Connettori industriali a 3+PE o 6+PE contatti argentati.

- tensione di esercizio 250 V DC
- corrente continua massima 10 A
- temperatura di esercizio -30°C a +90°C
- classe di protezione IP67
- certificazioni VDE, SEV, UR e CSA



| Cod. | Hirschmann ref. | # | |
|-----------|---------------------------------|------------|---|
| 406019 | CA3LS | 3+PE | 1 |
| 406276 | CA6LS | 6+PE | 1 |
| 406019.01 | CA00SD1 | Cap for LS | 1 |
| BL-000003 | Kit Conn.vol.7p. P/M Hirschmann | | 1 |

Hirschmann®/Amphenol® CA series

IP67

Industrial connectors with 3+PE or 6+PE silver plated contacts.

- 250V DC voltage
- 10A maximum current
- operating range from -30°C to 90°C
- IP67 protection
- VDE, SEV, UR and CSA certified



| Cod. | Hirschmann ref. | # / Note | |
|-----------|------------------------------------|------------|---|
| 406355 | CA3GD | 3+PE | 1 |
| 406275 | CA6GD | 6+PE | 1 |
| 406355.01 | CA00SD4 | Cap for GD | 1 |
| 406018 | CA3LD | 3+PE | 1 |
| 406276.01 | CA6LD | 6+PE | 1 |
| 406018.01 | CA00SD3 | Cap for LD | 1 |
| BL-000004 | Kit Conn.pan.7p. P/F Hirschmann+T. | | 1 |
| BL-000005 | Kit Conn.vol.7p. P/F Hirschmann+T. | | 1 |

Connettori Militari Amphenol

Amphenol Military connectors



| Cod. | Amphenol | Description | # | |
|-----------|----------------|--|----|---|
| 406450 | 97-3106A2219S | Connettore Circolare Militare All. 14 P. P/F Cont. Sald. | 14 | 1 |
| 406680 | MS3106A18-1S | Connettore Circolare Militare All. 10 P. P/F Cont. Sald. | 10 | 1 |
| 406680.01 | 97-3057-1010-1 | Calotta Per Connettore Militare Size 18 | | 1 |

Souriau

| NEW | | | | | | | | | | | | | | | | | | |
|-----------|----|----|----------|-------|---|-----------|--------------|----|----|---------|-------|------|--------------|---------|----|------|------|---|
| Cod. | # | mm | (mm) | | | Cod. | Souriau ref. | # | mm | (mm) | | Cod. | Souriau ref. | # | mm | (mm) | | |
| 406080.03 | 8 | 50 | PG 11 | 5÷10 | 1 | 406080.01 | UTG12ST | 8 | 60 | PG 11 | 5÷10 | 1 | 406080 | UTG12AC | 8 | 40 | 12,5 | 1 |
| 406104.03 | 12 | 54 | PG 13,5 | 6÷12 | 1 | 406104.01 | UTG14ST | 12 | 65 | PG 13,5 | 6÷12 | 1 | 406104 | UTG14AC | 12 | 46 | 14 | 1 |
| 406194.03 | 19 | 63 | M 25x1,5 | 11÷17 | 1 | 406194.01 | UTG16ST | 19 | 72 | PG 16 | 10÷14 | 1 | 406195 | UTG16AC | 19 | 46 | 16,5 | 1 |
| 406357.03 | 23 | 64 | M 25x1,5 | 11÷17 | 1 | 406357.01 | UTG18ST | 23 | 76 | PG 16 | 10÷14 | 1 | 406357 | UTG18AC | 23 | 50 | 19 | 1 |
| 406078.03 | 28 | 70 | PG 21 | 13÷18 | 1 | 406078.01 | UTG20ST | 28 | 85 | PG 21 | 13÷18 | 1 | 406078 | UTG20AC | 28 | 55 | 21 | 1 |
| | | | | | | 406242.01 | UTG24ST | 48 | 91 | | 13÷20 | 1 | 406242 | UTG24AC | 48 | 65 | 25 | 1 |

Connettori Souriau®/ITT® serie UTG

- connettore in robusto materiale termoplastico caricato vetro con aggancio a scatto, accoppiamenti in metallo;
- range di funzionamento da -55°C a +125°C ;
- corrente massima supportata 13A;
- due tipi di serracavo disponibili.

Souriau®/ITT® UTG series connectors

- Robust glass-filled thermoplastic connector with snap-on connection, metal couplings;
- operating range from -55°C to 125°C;
- 13A maximum current;
- 2 cable clamps available.

| Cod. | Souriau ref. | # / Note | |
|-----------|--------------|-------------------------|------|
| 406102 | UTG01412P | 12 | 1 |
| 406196 | UTG01619P | 19 | 1 |
| 406401 | UTG01823P | 23 | 1 |
| 406160 | UTG02028P | 28 | 1 |
| 406406 | UTG02235P | 35 | 1 |
| 406409 | UTG02448P | 48 | 1 |
| 406102.01 | UTG11412P | 12 | 1 |
| 406196.01 | UTG11619P | 19 | 1 |
| 406079 | UTG6128PN | 8 | 1 |
| 406410 | UTG61412PN | 12 | 1 |
| 406432 | UTG61619PN | 19 | 1 |
| 406356 | UTG61823PN | 23 | 1 |
| 406171 | UTG62028PN | 28 | 1 |
| 406412 | UTG62448PN | 48 | 1 |
| 406399 | UTG612DCG | 8 | 1 |
| 406235 | UTG614DCG | 12 | 1 |
| 406258 | UTG616DCG | 19 | 1 |
| 406377 | UTG618DCG | 23 | 1 |
| 406234 | UTG620DCG | 28 | 1 |
| BL-406588 | SM20M1TK6 | 0,35-0,5mm ² | 100 |
| 406588 | SM20M1TK6 | 0,35-0,5mm ² | 3000 |
| BL-406058 | SM16M11TK6 | 0,8-1,5 mm ² | 100 |
| 406058 | SM16M11TK6 | 0,8-1,5 mm ² | 3000 |
| BL-406592 | SM14M1TK6 | 2-2,5 mm ² | 100 |
| 406592 | SM14M1TK6 | 2-2,5 mm ² | 3000 |
| 406058.03 | RM16M23K | 0,52-1,5mm ² | 50 |
| 406058.01 | SM16M11S18 | 0,8-1,5mm ² | 3000 |

| Cod. | Souriau ref. | # / Note | |
|-----------|--------------|-------------------------|------|
| 406103 | UTG61412SN | 12 | 1 |
| 406194 | UTG61619SN | 19 | 1 |
| 406411 | UTG61823SN | 23 | 1 |
| 406161 | UTG62028SN | 28 | 1 |
| 406413 | UTG62448SN | 48 | 1 |
| 406289.01 | UTG116-19S | 19 | 1 |
| 406476 | UTG11823SH | 23 | 1 |
| 406134 | UTG0128S | 8 | 1 |
| 406407 | UTG01412S | 12 | 1 |
| 406289 | UTG01619S | 19 | 1 |
| 406470 | UTG01823SH | 23 | 1 |
| 406170 | UTG02028S | 28 | 1 |
| 406402 | UTG02235S | 35 | 1 |
| 406408 | UTG02448S | 48 | 1 |
| 406151 | UTP12DCG | 8 | 1 |
| 406313 | UTP14DCG | 12 | 1 |
| 406257 | UTP16DCG | 19 | 1 |
| 406259 | UTP20DCG | 28 | 1 |
| BL-406047 | SC16M11TK6 | 0,8-1,5 mm ² | 100 |
| 406047 | SC16M11TK6 | 0,8-1,5 mm ² | 3000 |
| BL-406590 | SC14M1TK6 | 2,0-2,5 mm ² | 100 |
| 406590 | SC14M1TK6 | 2,0-2,5 mm ² | 3000 |
| 406589.01 | SC20M1S31 | 0,35-0,5mm ² | 3000 |
| 406047.03 | RC16M23K | 0,52-1,5mm ² | 50 |
| 406647 | RC18W3K | 0,5-1 mm ² | 50 |
| 406047.01 | SC16M11S18 | 0,8-1,5mm ² | 3000 |

Connettori Soriau® serie UTS

Connettore in robusto materiale termoplastico con ghiera di serraggio in metallo. Utilizza gli stessi contatti della serie UTG (cod. 406058 e 406047).

- IP68, IP69K quando accoppiati;
- range di funzionamento da -40°C a +105°C ;
- corrente massima supportata 13A;

Soriau® UTS series connectors

Robust thermoplastic connector with metal clamping nut. Same contacts as UTG series (406058 and 406047).

- IP68 protection, IP69K when coupled;
- operating range from -40°C to 105°C;
- 13A maximum current;



| Cod. | Soriau ref. | Note | # | |
|--------|-------------|----------------------------------|----|---|
| 406449 | UTS1JC1412S | Free connector, female contacts | 12 | 1 |
| 406457 | UTS6JC1412S | Free connector, female contacts | 12 | 1 |
| 406397 | UTS6JC1412P | Free connector, male contacts | 12 | 1 |
| 406456 | UTS1JC1412P | Free connector, male contacts | 12 | 1 |
| 406395 | UTS71412S | Fixed connector, female contacts | 12 | 1 |
| 406398 | UTS614DCG | Cap for plug | - | 1 |
| 406419 | UTS6GN147S | Free connector, female contacts | 7 | 1 |
| 406444 | UTS6JC147P | Free connector, male contacts | 7 | 1 |
| 406489 | UTS6JC147S | Free connector, female contacts | 7 | 1 |
| 406452 | UTS7147S | Fixed connector, female contacts | 7 | 1 |
| 406451 | UTS7147P | Fixed connector, male contacts | 7 | 1 |
| 406396 | UTS14DCG | Cap for socket | - | 1 |
| 406467 | UTS1JC1419P | Free connector, male contacts | 19 | 1 |
| 406468 | UTS6JC1419S | Free connector, female contacts | 19 | 1 |

Connettori ITT® serie Neptune

Disponibili in 3 modelli : 24 poli (4 potenza/20 segnale), 31 poli (12 potenza/19 segnale) e 48 poli (48 segnale). Contatti in ottone nickelato e connettore in robusto materiale termoplastico caricato vetro con aggancio a scatto, accoppiamenti in metallo

- gamma di funzionamento da -55°C a +105°C
- grado di protezione IP67
- corrente massima supportata 30A
- due tipi di serracavo disponibili

ITT® Neptune series connectors

Available in 24 pins (4 power / 20 signal), 31 pins (12 power / 19 signal) and 48 pins (48 signal). Nickel-plated brass contacts, robust glass-filled thermoplastic connector with snap-on connection, metal couplings

- operating range from -55°C to 105°C;
- IP67 protection;
- 30A maximum current;
- 2 cable clamps available.



| Cod. | ITT ref. | #P | #s | |
|---------------|-------------|----|----|---|
| 406252 | 192990-9250 | 12 | 19 | 1 |
| 406251 | 192900-0537 | 4 | 20 | 1 |

POWER



| Cod. | ITT ref. | Section (mm²) | |
|------------------|-------------|---------------|------|
| 406563 | 121668-0000 | 0,5-1 | 100 |
| 406565 | 121668-0001 | 0,5-1 | 3000 |
| BL-406567 | 121668-0002 | 1,5-2,5 | 100 |
| 406567 | 121668-0002 | 1,5-2,5 | 3000 |
| | | 2,5-4 | 100 |
| | | 2,5-4 | 3000 |

signal



| Cod. | ITT/Burndy ref. | Note | |
|------------------|-----------------|----------|------|
| BL-406058 | 192990-2490 | Standard | 100 |
| 406058 | 192990-2490 | Standard | 3000 |
| 406058.01 | 192990-2630 | Gold | 100 |
| | | Gold | 3000 |
| | | HCM | 100 |
| | | HCM | 3000 |
| 406058.03 | RM16M23K | crimp | 50 |

4 Power
28 signal



4 Power
20 signal



| Cod. | ITT ref. | #P | #s | |
|---------------|-------------|----|----|---|
| 406253 | 192990-9240 | 12 | 19 | 1 |
| 406250 | 192900-0032 | 4 | 20 | 1 |
| 406241 | 192900-0469 | 0 | 48 | 1 |
| 406717 | 192900-0425 | 0 | 48 | 1 |
| 406718 | 192900-0035 | 4 | 28 | 1 |

POWER



| Cod. | ITT ref. | Section (mm²) | |
|------------------|-------------|---------------|------|
| 406564 | 121668-0100 | 0,5-1 | 100 |
| | | 0,5-1 | 3000 |
| 406566 | 121668-0101 | 1,5-2,5 | 100 |
| | | 1,5-2,5 | 3000 |
| BL-406568 | 121668-0102 | 2,5-4 | 100 |
| 406568 | 121668-0102 | 2,5-4 | 3000 |

signal








| Cod. | ITT ref. | Note | |
|------------------|-------------|----------|------|
| BL-406047 | 192990-2530 | Standard | 100 |
| 406047 | 192990-2530 | Standard | 3000 |
| 406047.01 | 192990-2670 | Gold | 100 |
| | | Gold | 3000 |
| 406047.02 | 192900-0001 | HCM | 100 |
| | | HCM | 3000 |

| NEW | | | | | | | | | | | | | | | | | | |
|------------------|----|----|----------|-------|------|------------------|---------|----|------|---------|-------|--------------|---------------|---------|------|----|------|---|
| Cod. | # | mm | (mm) | | Cod. | Souriau ref. | # | mm | (mm) | | Cod. | Souriau ref. | # | mm | (mm) | | | |
| 406080.03 | 8 | 50 | PG 11 | 5÷10 | 1 | 406080.01 | UTG12ST | 8 | 60 | PG 11 | 5÷10 | 1 | 406080 | UTG12AC | 8 | 40 | 12,5 | 1 |
| 406104.03 | 12 | 54 | PG 13,5 | 6÷12 | 1 | 406104.01 | UTG14ST | 12 | 65 | PG 13,5 | 6÷12 | 1 | 406104 | UTG14AC | 12 | 46 | 14 | 1 |
| 406194.03 | 19 | 63 | M 25x1,5 | 11÷17 | 1 | 406194.01 | UTG16ST | 19 | 72 | PG 16 | 10÷14 | 1 | 406195 | UTG16AC | 19 | 46 | 16,5 | 1 |
| 406357.03 | 23 | 64 | M 25x1,5 | 11÷17 | 1 | 406357.01 | UTG18ST | 23 | 76 | PG 16 | 10÷14 | 1 | 406357 | UTG18AC | 23 | 50 | 19 | 1 |
| 406078.03 | 28 | 70 | PG 21 | 13÷18 | 1 | 406078.01 | UTG20ST | 28 | 85 | PG 21 | 13÷18 | 1 | 406078 | UTG20AC | 28 | 55 | 21 | 1 |
| | | | | | | 406242.01 | UTG24ST | 48 | 91 | | 13÷20 | 1 | 406242 | UTG24AC | 48 | 65 | 25 | 1 |

Connettori ITT® serie Cannon

- tensione di esercizio 12-24V DC
- corrente continua massima 13A
- temperatura di esercizio da -55°C a +125°C

NEW

| Cod. | Description | # |  |
|--------------------|--------------------|--------------------------|--|
| 406490 | 132015-0075 | 24 | 1 |
| 406496 | Calotta Itt M.P.F. | 24 | 1 |
| BL-406047 | SC16M11TK6 | 0,8-1,5 mm ² | 100 |
| 406047 | SC16M11TK6 | 0,8-1,5 mm ² | 3000  |
| BL-406590 | SC14M1TK6 | 2,0-2,5 mm ² | 100 |
| 406590 | SC14M1TK6 | 2,0-2,5 mm ² | 3000  |
| Gold Series | | | |
| 406589.01 | SC20M1S31 | 0,35-0,5 mm ² | 3000  |
| 406047.03 | RC16M23K | 0,52-1,5 mm ² | 50 |
| 406647 | RC18W3K | 0,5-1 mm ² | 50 |
| 406047.01 | SC16M11S18 | 0,8-1,5 mm ² | 3000  |








signal

Gold Series

ITT® Cannon series connectors

- operating voltage 12-24V DC
- maximum continuous current 13A
- operating temperature from -55 °C to + 125 °C

NEW

| Cod. | Description | # |  |
|-----------|--------------------------|--------------------------|--|
| 406491 | 132015-0076 | 24 | 1 |
| 406497 | Calotta Itt F.P.M. | 24 | 1 |
| 406497.01 | Calotta Itt F.P.M. largo | 24 | 1 |
| BL-406588 | SM20M1TK6 | 0,35-0,5 mm ² | 100 |
| 406588 | SM20M1TK6 | 0,35-0,5 mm ² | 3000  |
| BL-406058 | SM16M11TK6 | 0,8-1,5 mm ² | 100 |
| 406058 | SM16M11TK6 | 0,8-1,5 mm ² | 3000  |
| BL-406592 | SM14M1TK6 | 2-2,5 mm ² | 100 |
| 406592 | SM14M1TK6 | 2-2,5 mm ² | 3000  |
| 406058.03 | RM16M23K | 0,52-1,5 mm ² | 50 |
| 406058.01 | SM16M11S18 | 0,8-1,5 mm ² | 3000  |



signal

Gold Series

Buccaneer

Connettori di potenza - Buccaneer

IP68

Connettori di potenza, grado di protezione IP68, adatto per esterno.

- tensione di esercizio 250V
- corrente massima 6A
- materiale corpo nylon caricato vetro UL 94-V0
- tipo di cavo 6:8mm

Power connectors - Buccaneer

IP68

Power connectors suitable for outdoor use, IP68.

- 250V maximum voltage
- 6A maximum current
- glass-filled nylon body UL 94-V0
- cable type 6:8 mm




400629.01

400629

400634.01

400634

| Cod. | Description | Ref. | Pins |  |
|-----------|-------------|----------|------|---|
| 400629 | Plug | PX0748-P | 4 | 10 |
| 400629.01 | Plug cap | PX0734 | CAP | 10 |
| 400634 | USB | PX0845/A | USB | 10 |
| 400634.01 | PLUG CAP | PX0711 | CAP | 10 |

Weather-Pack

Connettori Weather-Pack®

IP67

Puntalini in ottone per fili con diametro AWG 14-18 (0,8 - 2 mm²).

- connettore in poliammide 6.6;
- isolamento IP67;
- corrente massima supportata 13A.



Weather-Pack® connectors

IP67




Brass ferrules for wires 0,8 - 2 mm² (AWG14-18).

- 6.6 polyamide connector;
- IP67 insulation;
- 13A maximum current.



| Cod. | P.E. ref. | # |  |
|-----------|-----------|-------------------------|--|
| 406226 | 12010973 | 2 | 50 |
| 406392 | 12010717 | 3 | 50 |
| 406646 | 12015024 | 4 | 50 |
| 406228 | 15324980 | De 2,8-3,5 | 100 |
| 406256 | 15324982 | De 2,03-2,85 | 100 |
| BL-406553 | 15344719 | 1,5-2,5 mm ² | 100 |
| 406553 | 15344719 | 1,5-2,5 mm ² | 3200  |










| Cod. | P.E. ref. | # |  |
|-----------|-----------|-------------------------|--|
| 406227 | 12015792 | 2 | 50 |
| 406391 | 12015793 | 3 | 50 |
| 406228 | 15324980 | De 2,8-3,5 | 100 |
| 406256 | 15324982 | De 2,03-2,85 | 100 |
| 406554.01 | 12089188 | 0,5-0,8 mm ² | 2200  |
| BL-406554 | 15344717 | 1,5-2,5 mm ² | 100 |
| 406554 | 15344717 | 1,5-2,5 mm ² | 3500  |

Metri-Pack

Connettori Metri-Pack® serie 150/280 IP67

Disponibili nella versione a 2 contatti. Puntalini in ottone per fili con diametro AWG 14-18 (0,8 - 2mm²).

- connettore in poliammide 6.6;
- isolamento IP67;
- corrente massima supportata 13A.





| Cod. | P.E. ref. | Serie | # |  |
|-----------|-----------|-------|-------------------------|--|
| 406691 | 10717431 | 150 | 1 | 50 |
| 406053 | 12052641 | 150 | 2 | 50 |
| 406823 | 12110293 | 150 | 3 | 50 |
| 406474 | 12162185 | 150 | 3 | 50 |
| 406709 | 12065298 | 150 | 4 | 50 |
| 406255 | 15363982 | 280 | 2 | 50 |
| 406255.01 | 400667 | 280 | 2 | 50 |
| 406271.01 | 15324063 | 280 | 4 | 50 |
| 406228 | 15324980 | 280 | De 2,8-3,5 | 100 |
| 406256 | 15324982 | 280 | De 2,03-2,85 | 100 |
| 406256-R | 15324983 | 280 | De 1,29-1,7 | 100 |
| BL-406624 | 15363933 | 150 | 0,5-1 mm ² | 100 |
| 406624 | 15363934 | 150 | 0,5-1 mm ² | 4000  |
| 406474.01 | 12124075 | 150 | 0,75/1 | 3500  |
| 406653 | 12077411 | 280 | | 2300  |
| BL-406569 | 15363933 | 280 | 1-2,5 mm ² | 100  |
| 406569 | 15363933 | 280 | 1-2,5 mm ² | 3200  |
| BL-406653 | 12077411 | 280 | 0,5-0,8 mm ² | 100  |

Metri-Pack® 150/280 series connectors IP67

2-contact version

Brass ferrules for wires 0,8 - 2mm² (AWG14-18).

- 6.6 polyamide connector;
- IP67 insulation;
- 13A maximum current.

| Cod. | P.E. ref. | Serie | # |  |
|-----------|-----------|-------|-----------------------|--|
| 406066 | 12162000 | 150 | 2 | 50 |
| 406071 | 12129615 | 150 | 3 | 50# |
| 406385 | 413637 | 280 | 2 | 50 |
| 406271 | 12129600 | 280 | 4 | 50 |
| 406255.01 | 400667 | 280 | 2 | 50 |
| 406228 | 15324980 | 280 | De 2,8-3,5 | 100 |
| 406256 | 15324982 | 280 | De 2,03-2,85 | 100 |
| 406256-R | 15324983 | 280 | De 1,29-1,7 | 100 |
| 406256-T | 12010300 | 280 | closed cap | 100 |
| 406828 | 15344866 | 150 | 0,5/1 | 4000  |
| BL-406571 | 413121 | 280 | 1-2,5 mm ² | 100  |
| 406571 | 413121 | 280 | 1-2,5 mm ² | 3500  |

Fastin-Faston






Connettori Fastin-Faston 9,5, 6,3 e 4,8 mm

Disponibili in 6 modelli da 1 a 8 contatti (1, 2, 3, 4, 6, 8). Contatti in ottone stagnato da 6,3mm per fili con diametro 1 - 2,5 mm² (corrente max 15A). Disponibili anche in versione senza blocco e a bandiera con relativi copri-faston.

| Cod. | # / Note |  |
|-----------|---|--|
| 400607 | 1 | 100 |
| 400602 | 2 | 100 |
| 400602.01 | 2, T-shaped | 100 |
| 400612 | 3 | 100 |
| 400604 | 4 | 100 |
| 406604.01 | 4 | 100 |
| 400614 | 6 | 100 |
| 400616 | 8 | 100 |
| 400608 | 11 | 100 |
| 406305 | 2 | 100 |
| 406306 | 4 | 100 |
| BL-406502 | 1-2,5 mm ² - M 6,3 with lock | 100  |
| 406502 | 1-2,5 mm ² - M 6,3 with lock | 4000  |
| 406502.01 | 0,5-1 mm ² - M 6,3 with lock | 3500 |
| 400618 | Hood - faston 4,8 | 100 |
| 400613 | Hood - faston 6,3 | 100 |
| BL-406610 | F 4,8 with lock | 100  |
| 406610 | F 4,8 with lock | 10000 |
| BL-406518 | F 4,8 without lock | 100  |
| 406518 | F 4,8 without lock | 10000 |

9,5, 6,3 mm and 4,8 mm Fastin-Faston connectors

Available from 1 to 8 contacts. 6,3 mm tinned brass contacts for wires 1 - 2,5 mm² (15A maximum current). Available in versions without block and cantilevered with related faston covers.

| Cod. | # / Note |  |
|-----------|--|--|
| 400606 | 1 | 100 |
| 400601 | 2 | 100 |
| 400601.01 | 2, T-shaped | 100 |
| 400611 | 3 | 100 |
| 400603 | 4 | 100 |
| 400610 | 6 | 100 |
| 400617 | 8 | 100 |
| 400609 | 11 | 100 |
| 406305 | 2 | 100 |
| 406306 | 4 | 100 |
| BL-406501 | 1-2,5 mm ² - F 6,3 with lock | 100 |
| 406501 | 1-2,5 mm ² - F 6,3 with lock | 6500  |
| BL-406636 | 0,5-1 mm ² - F 6,3 with lock | 100 |
| 406636 | 0,5-1 mm ² - F 6,3 with lock | 7000  |
| BL-406637 | 2,5-4 mm ² - F 6,3 with lock | 100 |
| 406637 | 2,5-4 mm ² - F 6,3 with lock | 5500 |
| 406700 | 4-6 mm ² - F 6,3 with lock | 4000  |
| 406347 | F 9,5 x 1,2 with lock | 2000  |
| 406782 | F 9,5 x 1,2 | 2500 |
| 400605 | Hood - faston 6,3 | 100 |
| BL-406503 | 1-2,5 mm ² - F 6,3 without lock | 100 |
| 406503 | 1-2,5 mm ² - F 6,3 without lock | 6500  |
| BL-406617 | 4-6 mm ² - F 6,3 without lock | 100 |
| 406617 | 4-6 mm ² - F 6,3 without lock | 5000  |
| 400615 | Hood | 100 |
| BL-406544 | F 6,3 flag | 100 |
| 406544 | F 6,3 flag | 5000  |

SICMA

Connettori FCI® serie SICMA

IP67

FCI® SICMA series connectors




IP67




Puntalini in lega di rame stagnato e connettore in plastica.
 • corrente massima supportata 19A (1,5 mm²) - 35 A (2,8 mm²).
 • isolamento IP67;

Tin-plated copper ferrules and plastic connectors.
 • maximum current 19A (1,5mm²) - 35A (2,8mm²).
 • IP67 insulation;

| Cod. | FCI ref. | # |  |
|-----------------------------------|---|----------|---|
| 406244 406244.03 | HCCMHPE24BKAF HCCPHPE24BMA90F (90° for circuit board) | 24 24 | 1 1 |
| 406244.03-GR | HCCPHPE24GYB90F (gray version) | 24 | 1 |
| 406403 406403-GR | 211PL249S0033 211PL249S8033 (gray version) | 24 24 | 1 1 |
| 406244.01 | HCCMHPE24BKAFSV | 24 | 1 |
| 406243.02 | | 24 | 25 |
| 406243.03 | | 24 | 25 |
| 406245 | DTBMHPE14BKSV | 14 | 1 |
| 406381 | DTBMHPE34BK | 34 | 1 |

| Cod. | FCI ref. / Note | # |  |
|------------------|---------------------------------|----|---|
| 406243 | 211PC249S0033 | 24 | 1 |
| 406243-GR | 211PC249S8033 (gray version) | 24 | 1 |
| 406243.01 | 211A247020 | | 1 |
| 406243.02 | | 24 | 25 |
| 406243.03 | | 24 | 25 |
| 406378 | 17261405B | 14 | 1 |
| 406380 | DTBFHPE34BMSV | 34 | 1 |
| 406244.02 | 210A015019 | | 100 |

| Cod. | FCI ref. | MAX section |  |
|------------------|-------------|--------------------------|--|
| 406560 | 211CL3S2120 | 2,8 mm ² | 2500  |
| BL-406560 | 211CL3S2120 | 2,8 mm ² | 100 |
| 406562 | 33512109 | 0,75-1,3 mm ² | 5700  |
| BL-406562 | 33512109 | 0,75-1,3 mm ² | 100 |

| Cod. | FCI ref. | MAX section |  |
|------------------|--------------|---------------------|--|
| 406559 | 211CC3S2120 | 2,8 mm ² | 2000  |
| BL-406559 | 211CC3S2120 | 2,8 mm ² | 100 |
| 406561 | 211CC2S2160P | 1,5 mm ² | 3600  |
| BL-406561 | 211CC2S2160P | 1,5 mm ² | 100 |


JST




Connettori tipo JST® passo 3,96 mm

JST®-like connectors 3,96 mm pitch

Disponibili da 2 a 10 contatti. Contatti in ottone stagnato per fili diametro AWG 22-18 (0,3 - 1mm²). Tensione massima 250V, corrente massima 7A;

Available from 2 to 10 contacts. Tinned brass contacts for wires 0,3 - 1mm² (AWG22-18). 250V maximum voltage, 7A maximum current.

| Cod. | # |  |
|---------------|----|---|
| 406175 | 2 | 10 |
| 406099 | 3 | 10 |
| 406049 | 4 | 10 |
| 406177 | 6 | 10 |
| 406231 | 7 | 10 |
| 406173 | 8 | 10 |
| 406048 | 10 | 10 |

| Cod. | # |  |
|------------------|----|--|
| 406176 | 2 | 10 |
| 406100 | 3 | 10 |
| 406051 | 4 | 10 |
| 406320 | 5 | 10 |
| 406178 | 6 | 10 |
| 406230 | 7 | 10 |
| 406174 | 8 | 10 |
| 406254 | 9 | 10 |
| 406050 | 10 | 10 |
| BL-406514 | - | 100  |
| 406514 | - | 3500  |

Weidmüller





Connettori Weidmüller® serie HD/ILME IP65

Weidmüller® HD/ILME series connectors IP65

- Supporto in materiale termoplastico autoestinguente omologato UL;
- viti in ottone imperdibili, già svitate;
- contatti argentati per fili di diametro 2,5mm² (AWG18÷14);
- corrente massima 16A;
- custodie in alluminio con guarnizione, custodie mobili con leva di bloccaggio e sportello, tutte con filettatura PG.

- UL homologated, self-extinguishing, thermos-plastic support;
- pre-unscrewed, brass safety screws;
- silver-plated contacts for wires 2,5mm² (AWG18-14);
- 16A maximum current;
- aluminium case with seal, mobile cases with blocking lever and lid, all with PG threading.



| Cod. | Weidmüller ref. | ILME ref. |  |  |  | # |  |
|-----------|-----------------|-------------|---|---|---|----|---|
| 406028 | WD16552.1 | CHO10L | • | | | 10 | 1 |
| 406015 | WD16578.5 | CHO16L | • | | PG21 | 16 | 1 |
| 406013 | WD16612.3 | CHO24 | | • | | 24 | 1 |
| 406281 | WD16623.9 | CHO24L | • | | PG21 | 24 | 1 |
| 406373 | | CHV24L | | • | | 24 | 1 |
| 406469 | | CHO16 | | • | | 16 | 1 |
| 406661 | | MHV06L20 | • | | | 24 | 1 |
| 406021 | WD16556.8 | CHP10LS | • | | | 10 | 1 |
| 406014 | WD16583.2 | CHP16LS | • | | | 16 | 1 |
| 406014.01 | WD12101.0 | | | • | | 16 | 1 |
| 406372 | | CHP16 | | • | | 16 | 1 |
| 406012 | WD16615.1 | CHP24 | | • | | 24 | 1 |
| 406011 | 1901480000 | CHP24LS | • | | M25/PG21 | 24 | 1 |
| 406484 | | MAP 24LS240 | • | | | 42 | 1 |
| 406662 | | MHP06LS20 | • | | | 24 | 1 |
| 406008 | WD17458.3 | CNEM10T | | | | 10 | 1 |
| 406026 | 1745840000 | CMN16 | | | | 16 | 1 |
| 406024 | 1745850000 | CMN24 | | | | 24 | 1 |
| 406658 | | CDDM24 | | | | 24 | 1 |
| 406009 | WD17457.7 | CNEF10T | | | | 10 | 1 |
| 406027 | 1745780000 | CNF16 | | | | 16 | 1 |
| 406025 | 1745790000 | CNF24 | | | | 24 | 1 |
| 406657 | | CDDF24 | | | | 24 | 1 |
| 406485 | | CDSF 42 | | | | 42 | 1 |
| 406308 | 1665630000 | CHC24 | | | | 24 | 1 |
| 406807 | | CHC24G | | | | 24 | 1 |
| 406659 | | CDFA 1.0 | F Faston, 10A, ø 1 mm | | | - | 1 |
| 406660 | | CDMA 1.0 | M Faston, 10A, ø 1 mm | | | - | 1 |

Weidmüller


Connettori Weidmüller® serie HQ/ILME IP65

Weidmüller® HQ/ILME series connectors IP65

- Supporto in materiale termoplastico autoestinguente omologato UL;
- morsetti a vite per fili di diametro 1,5mm² (AWG 18-16)
- corrente massima 10A;
- custodie isolanti bianche con leva inox, grado di protezione IP65
- custodie volanti con filettatura per PG11.

- UL homologated, self-extinguishing, thermos-plastic support;
- screw clips for wires 1,5mm² (AWG18-16);
- 10A maximum current
- white insulating box with stainless steel lever, IP65
- mobile box with PG11 threading.




| Cod. | Weidmüller ref. | ILME ref. | Note | # |  |
|------------|-----------------|-----------|---|-------|---|
| 406022 | 1652380000 | CKO3VS | PG11 - 400013 | 3/4 | 1 |
| 406314 | 1788820000 | | M20 - 400030 | 3/4/8 | 1 |
| 406414 | | CKA03C | Cap for 406285, 406300, Aluminium, IP65 | | 1 |
| 406414-PLT | | CK03C | Cap for 406285, 406300, PLT | | 1 |
| 406285 | 1497600000 | CKO3I | Aluminium | 3/4 | 1 |
| 406416 | | CKAX03AX | Cap for 406022, 406314, Aluminium | | 1 |
| 406416-PLT | | CK03CXA | Cap for 406022, 406314, PLT | | 1 |
| 406020 | 1652460000 | CK03VG | Aluminium | 3 / 4 | 1 |
| 406020-PLT | | CK03VGS | PLT | 3 / 4 | 1 |
| 406300 | 1652440000 | | 90° | 3 / 4 | 1 |
| 406017 | 1498100000 | CKM03 | | 3 | 1 |
| 406283 | 1498300000 | CKM04 | | 4 | 1 |
| 406315 | 1650590000 | | | 8 | 1 |
| 406016 | 1498200000 | CKF03 | | 3 | 1 |
| 406284 | 1498400000 | CKF04 | | 4 | 1 |
| 406351 | 1650600000 | | | 8 | 1 |
| 406316 | 1651550000 | | M Faston, max ø 1,5 mm | - | 1 |
| 406358 | 1651600000 | | F Faston, max ø 1,5 mm | - | 1 |
| 406632 | | CXFA2,5 | F Faston, max ø 2,5 mm | - | 1 |

Connettori Circolari

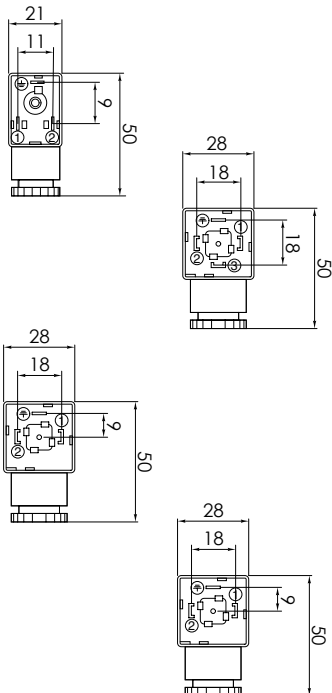
Connettori circolari Binder® - Binder® circular connector



| Cod. | Binder ref. | Description |  |
|--------|----------------|--|---|
| 406239 | | 3 poles circular connector | 1 |
| 406340 | 09-0098-20-05 | 5 poles circular connector - panel mount | 1 |
| 406341 | 99-0095-100-05 | 5 poles circular connector | 1 |

Connettori per elettrovalvole

■ ■ Connettori per Elettrovalvole - DIN 43650 - ■ ■ Connectors for Solenoid Valves - DIN 43650



| Cod. | Type | V | PG | LED | Diode | Connector | |
|--------|------------|---------|----|-----|-------|--------------|-----|
| 406040 | C11 - 2P+T | 12 VDC | 9 | | | √ | 100 |
| 406777 | C11 - 2P+T | 12 VDC | 9 | ■ | | | |
| 406029 | C18 - 2P+T | 12 VDC | 9 | | | √ | 100 |
| 406098 | C18 - 3P+T | 12 VDC | 9 | | | √ | 100 |
| 406039 | C18 - 2P+T | 230VDC | 9 | | | Raddrizz. 1A | 100 |
| 406055 | C18 - 2P+T | 12 VDC | 9 | | √ | | 100 |
| 406030 | C18 - 2P+T | 12/24 V | 9 | ■ | √ | | 100 |

■ ■ Accessori per Connettori per Elettrovalvole

■ ■ Accessories for solenoid valves connectors

Coperchi di protezione in materiale termoplastico per connettori C11 e C18, da montare nel caso lo specifico connettore non venga collegato elettricamente.

Protective covers in thermoplastic material for connectors C11 and C18, to be mounted if the specific connector is not electrically connected.

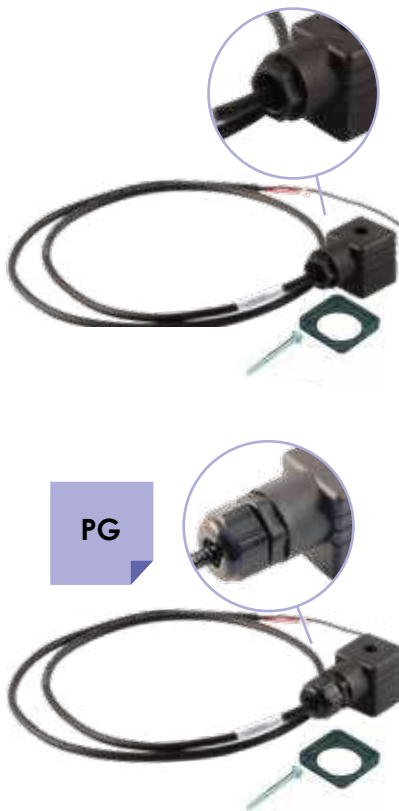


| Cod. | Type | Note | |
|-----------|------------|--------------------------------------|-----|
| 406029.05 | | Cover cap C18 | 200 |
| 406040.02 | | Cover cap C11 | 200 |
| 406131.01 | C11 - 2P+T | Circuit board for C11 2P+T connector | 100 |
| 406131 | C18 - 2P+T | Circuit board for C18 2P+T connector | 100 |
| 406759 | C18 - 3P+T | Circuit board for C18 3P+T connector | 100 |
| 406040.01 | | C11 Seal | 100 |
| 406029.01 | | C18 Seal | 100 |
| 406029.03 | | C18 Flat Seal | 100 |
| 406029.02 | | M3x32.5 Fixing Screw - Steel Zinc. | 100 |
| 406029.04 | | M3x32.5 Fixing Screw - INOX A2 | 100 |
| 406029.06 | | Or Per Viti Conn. Ev. Std. | 100 |

■ ■ Cavi per Elettrovalvole - ■ ■ Cables for Solenoid Valves



| Cod. | Type | L (m) | Section (mm²) | V | LED | Diode | Costampato Molded | |
|------------|--------------|-------|---------------|----------|-----|-------|-------------------|---|
| 406101-1.0 | C18 - 2P + T | 1 | 2 x 0,75 | | | | √ | 1 |
| 406200-1.0 | C18 - 2P + T | 1 | 3 x 0,75 | 12VDC | ■ | √ | √ | 1 |
| 406415-1.0 | C18 - 2P + T | 1 | 2x2x0,75 | | | | √ | 1 |
| 406445-2.0 | C18 - 2P + T | 2 | 2 x 0,75 | 12/24VDC | ■ | √ | √ | 1 |
| 406445-3.0 | C18 - 2P + T | 3 | 2 x 0,75 | 12/24VDC | ■ | √ | √ | 1 |
| 406445-5.0 | C18 - 2P + T | 5 | 2 x 0,75 | 12/24VDC | ■ | √ | √ | 1 |
| 406445-6.0 | C18 - 2P + T | 6 | 2 x 0,75 | 12/24VDC | ■ | √ | √ | 1 |



| Cod. | Type | L (m) | Section (mm ²) | V | LED | Diode | Costampato Molded | |
|------------|--------------|-------|----------------------------|--------|-----|-------|-------------------|----|
| 406116 | C18 - 2P + T | 1 | 2 x 0,75 | 12/24V | | √ | | 10 |
| 406116-1,5 | C18 - 2P + T | 1,5 | 2 x 0,75 | | | √ | | 10 |
| 406116-3,0 | C18 - 2P + T | 3 | 2 x 0,75 | | | √ | | 10 |
| 406116-5,0 | C18 - 2P + T | 5 | 2 x 0,75 | | | √ | | 10 |
| 406455 | C18 - 2P + T | 1 | 2 x 0,75 | | | √ | | 10 |
| 406108-0,8 | C18 - 2P + T | 0,8 | 2 x 0,75 | | | | | 10 |
| 406108 | C18 - 2P + T | 1 | 2 x 0,75 | | | | | 10 |
| 406108-3,0 | C18 - 2P + T | 3 | 2 x 0,75 | | | | | 10 |
| 406109 | C18 - 3P + T | 1 | 3 x 0,75 | | | | | 10 |
| 406109-1,3 | C18 - 3P + T | 1,3 | 3 x 0,75 | | | | | 10 |
| 406317 | C11 - 2P + T | 1 | 3 x 0,75 | | | | | 10 |
| 406107 | C11 - 2P + T | 1 | 2 x 0,75 | | | | | 10 |
| 406107-3,0 | C11 - 2P + T | 3 | 2 x 0,75 | | | | | 10 |
| 406107-8,0 | C11 - 2P + T | 8 | 2 x 0,75 | | | | | 10 |

| Cod. | Type | L (m) | Section (mm ²) | V | LED | PG | Diode | Costampato Molded | |
|------------|--------------|-------|----------------------------|-------|-----|----|-------|-------------------|---|
| 406492-1,0 | C18 - 2P + T | 1 | 2 x 0,75 | 12/24 | | √ | √ | | 1 |
| 406492-3,0 | C18 - 2P + T | 3 | 2 x 0,75 | | √ | √ | | 1 | |
| 406492-5,0 | C18 - 2P + T | 5 | 2 x 0,75 | | √ | √ | | 1 | |
| 406492-7,5 | C18 - 2P + T | 7,5 | 2 x 0,75 | | √ | √ | | 1 | |
| 406493-1,0 | C18 - 2P + T | 1 | 2 x 0,75 | | √ | | | 1 | |
| 406494-1,0 | C11 - 2P + T | 1 | 3 x 0,75 | | √ | | | 1 | |
| 406495-1,0 | C11 - 2P + T | 1 | 2 x 0,75 | | √ | | | 1 | |
| 406663-1,0 | C18 - 2P + T | 1 | 3 x 0,75 | | √ | | | 1 | |
| 406713-3,0 | C18 - 3P + T | 3 | 3 x 0,75 | | | √ | | 1 | |

Connettore di Potenza

Connettori di potenza Tyco® /Anderson Power®

Connettore bipolare di potenza Tyco.

- tensione di esercizio 600 V
- corrente continua massima 50 A
- certificazione UL 94V-0

Power connectors Tyco® /Anderson Power®

Bipolar power connector.

- 600V maximum voltage
- 50A maximum current
- UL 94-VO certified



| Cod. | Ref. Anderson | Color | V max (V) | AMP | # / Note | |
|---------------------------------|---------------|-------|-----------|-----|--------------------------|----|
| 406279 | 647845-4 | | 36 | 50 | 2 | 10 |
| 406279-R | 647845-3 | | 24 | 50 | 2 | 10 |
| 406279.01 | 5915 | - | | | up to 6 mm ² | 10 |
| 406279.02 | 5900 | - | | | up to 13 mm ² | 10 |
| 406488 | 6802G3 | | 600 | 120 | 2 | 10 |
| (Kit connettore più 2 contatti) | | | | | | |
| 406683 | 6810G1BK | | 600 | 120 | 2 | 10 |
| 406683.03 | S1319 | - | | | up to 34 mm ² | 10 |
| 406478 | 940 | | 600 | 175 | 2 | 10 |
| 406478.01 | 1348 | - | | | up to 13 mm ² | 10 |
| 406478.02 | 1382 | - | | | up to 50 mm ² | 10 |
| 406478.03 | 1383 | - | | | up to 34 mm ² | 10 |

| Cod. | Ref. Anderson | Color | AMP | # / Note | |
|-----------|---------------|-------|-----------------|----------|----|
| 406480.01 | | | 50 | 2 | 10 |
| 406498 | SB50-HDL-RED | | HANDLE KIT 50A | | 10 |
| 406480 | 134G2 | | 175 | 2 | 10 |
| 406479 | 995G3 | | HANDLE KIT 175A | | 10 |
| 406479-GR | 995G1 | | HANDLE KIT 175A | | 10 |

Connettori a coltello

DIN 41622


Knife connectors

DIN 41622


Disponibile la versione a 30 contatti a saldare. Coltelli maschio e molle femmina in ottone argentato, contromolle in acciaio inox.
 • connettore in policarbonato caricato vetro 30%;
 • range di funzionamento da -55°C a +125°C ;
 • tensione massima di funzionamento 350V, corrente massima 4A a 100°C, 8A a 20°C.

Available 30 contacts soldering version. Male knives and female springs in silver plated brass, stainless steel counter springs..
 • 30% glass-filled polycarbonate connector;
 • operating range from -55°C to 125°C ;
 • 350V maximum voltage, maximum current 4A (100 °C) - 8A (20 °C).




| Cod. | GEI ref. | # |  |
|--------|----------|----|---|
| 406212 | 2130.1 | 30 | 10 |
| 406236 | CL39M | 39 | 10 |



| Cod. | GEI ref. |  |
|--------|----------|---|
| 406215 | 1130.8 | 10 |



| Cod. | # | Description |  |
|-----------|-------|--|---|
| 406369.01 | 30/39 | Sealing cover | 1 |
| 406370 | 39 | Kit for 39 pin male GEI connector with plastic housing | 1 |


Connettori Molex

Molex connectors

| Cod. | Mole | Description | # | |
|--------|------------|--------------------------------------|----|---|
| 406687 | 19432-0013 | Connettore Molex 2P. mpf MX150L IP67 | 2 | 1 |
| 406688 | 33472-1601 | Connettore Molex 16P. mpf MX150 | 16 | 1 |

Alimentatori 10A / 30A - 10A / 30A Power supply




| Cod. | Description | V | A |  |
|--------|--------------------------------|------|----|---|
| 906603 | Alimentatore Rete 13,8V 30A SW | 13,8 | 30 | 1 |
| 906604 | Alimentatore Rete 13,8V 10A SW | 13,8 | 10 | 1 |

Batterie e caricabatterie - Batteries and battery chargers



| Cod. | Description | Ah | |
|-----------|---------------------------|-----|---|
| 901212 | Sealed Lead Acid battery | 3,4 | 1 |
| 906505 | Sealed Lead Acid battery | 7 | 1 |
| 906565 | Sealed Lead Acid battery | 26 | 1 |
| 901213.01 | Switching battery charger | - | 1 |
| 906574 | Switching battery charger | - | 1 |
| 906555 | Sealed Gel battery | 18 | 1 |



| Cod. | Description | Ah |  |
|-----------|---------------------------------------|----|---|
| 081900 | Switching battery charger | - | 1 |
| 250129 | Cuffia 90° X Cavo 25/35 Mmq | - | 1 |
| 406286 | Positive battery terminal 50mm² | | 1 |
| 406276.01 | Battery terminal cover positive 50mm² | | 1 |
| 406287 | Negative battery terminal 50mm² | | 1 |
| 406287.01 | Battery terminal cover negative 50mm² | | 1 |

■ Cavi multipolari in metratura

■ Multipole cable reels

Isolamento e guaina esterna in PVC nero. Conformi alle norme CEI 20-29, CEI 20-11, CEI 20-22 II, CEI 20-20, IEC 332.3A. Fornibili in bobine a perdere o nelle lunghezze indicate in tabella.

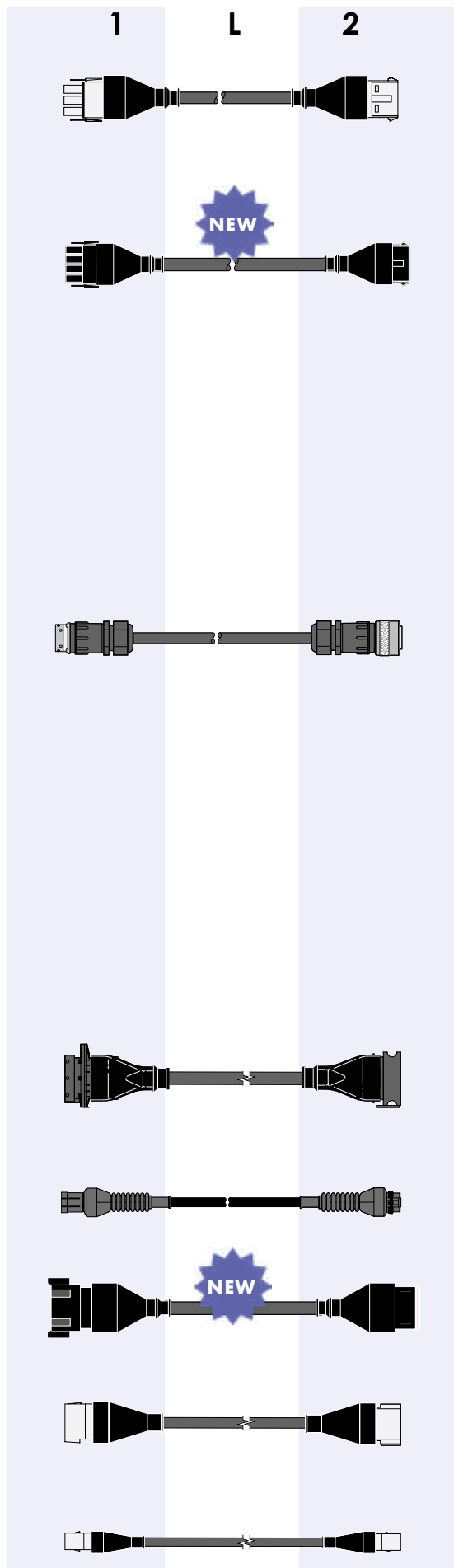
External sleeving and insulation in black PVC. CEI 20-29, CEI 20-11, CEI 20-22 II, CEI 20-20, IEC 332.3A compliant. Available in full reels or in specified minimum length.




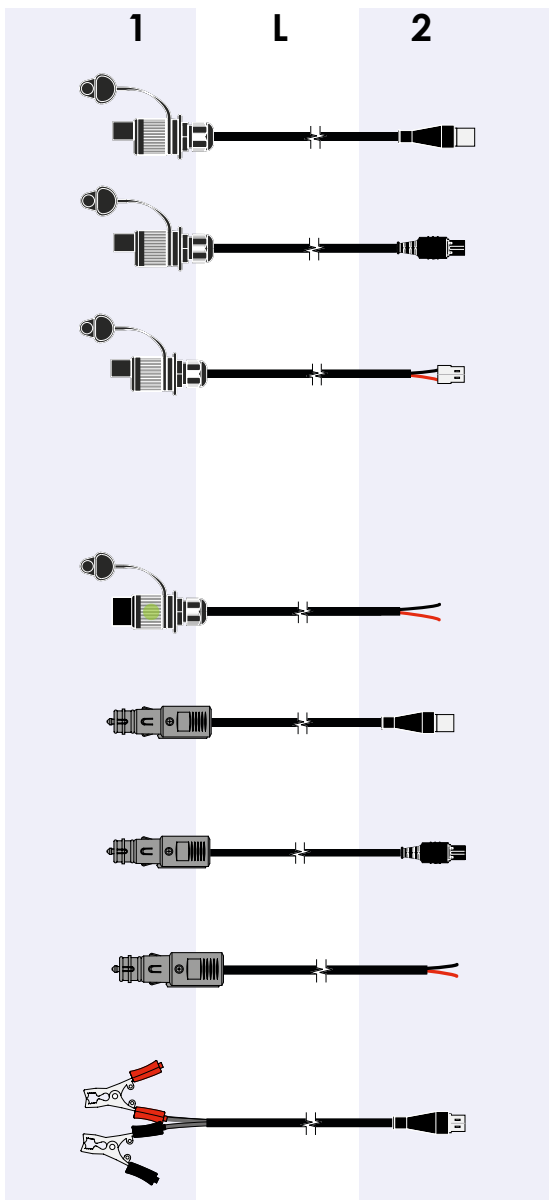
Standards: CEI 20-29 / CEI 20-11 / CEI 20-22 II / CEI 20-20 / IEC 332.3A


| Cod. | # | external ø (mm) | Conductors Type | Conductors Color |  |
|---------------|----|-----------------|---|-----------------------|---|
| 750011.00,5-R | 1 | 2,1 | 1x0,5 mm ² | ■ | 750 (m) |
| 750012.00,5-R | 1 | 2,1 | 1x0,5 mm ² | ■ | 750 |
| 750011-01,0-R | 1 | 2,1 | 1x1 mm ² | ■ | 750 |
| 750012-01,0-R | 1 | 2,1 | 1x1 mm ² | ■ | 750 |
| 750163 | 1 | 2,4 | 1x1,5 mm ² | ■ | 500 |
| 750153 | 1 | 2,4 | 1x1,5 mm ² | ■ | 500 |
| 750151 | 1 | 3,2 | 1x2,5 mm ² | ■ | 500 |
| 750152 | 1 | 3,2 | 1x2,5 mm ² | ■ | 500 |
| 750201-M | 2 | 5 | 2x0,75 mm ² | ■ ■ | 100 |
| 750176-M | 2 | 5,5 | 2x1 mm ² | ■ ■ | 100 |
| 750197-M | 2 | 6,5 | 2x1,5 mm ² | ■ ■ | 100 |
| 750167-M | 2 | 7,4 | 2x2,5 mm ² | ■ ■ | 100 |
| 750179-M | 2 | 9 | 2x4 mm ² | ■ ■ | 100 |
| 750184-M | 2 | 11 | 2x6 mm ² | ■ ■ | 50 |
| 750204-M | 3 | 5,1 | 3x0,75 mm ² | ■ ■ □ | 100 |
| 750180-M | 3 | 6 | 3x1 mm ² | ■ ■ □ | 100 |
| 750215-M | 3 | 8,4 | 3x1,5 mm ² | ■ ■ ■ | 100 |
| 750196-M | 3 | 10 | 3x2,5 mm ² | ■ ■ □ | 100 |
| 750168-M | 4 | 7,5 | 2x2,5 mm ² + 2x1 mm ² | ■ ■ + ■ ■ | 100 |
| 750191-M | 4 | 7 | 4x1 mm ² | 4 x ■ ■ ■ ■ | 100 |
| 750234-M | 7 | 11 | 7x1,5 mm ² | 4 x ■ ■ ■ ■ | 50 |
| 750192-M | 8 | 9,5 | 8x1 mm ² | 8 x ■ ■ ■ ■ | 50 |
| 750193-M | 12 | 10,5 | 12x1 mm ² | 12 x ■ ■ ■ ■ | 50 |
| 750188-M | 12 | 12,5 | 2x2,5 mm ² + 10x1 mm ² | ■ ■ + 10 x ■ ■ ■ ■ | 50 |
| 750178-M | 16 | 14 | 2x2,5 mm ² + 14x1 mm ² | ■ ■ + 14 x ■ ■ ■ ■ | 25 |
| 750183-M | 16 | 12 | 16x0,75 mm ² | ■ ■ + 14 x ■ ■ ■ ■ | 25 |
| 750169-M | 19 | 14,5 | 2x2,5 mm ² + 17x1 mm ² | ■ ■ + 17 x ■ ■ ■ ■ | 25 |
| 750171-M | 24 | 16,5 | 2x2,5 mm ² + 22x1 mm ² | ■ ■ + 22 x ■ ■ ■ ■ | 25 |
| 750217-M | 28 | 17 | 2x2,5 mm ² + 26x1 mm ² | ■ ■ + 26 x ■ ■ ■ ■ | 25 |
| 750185-M | 37 | 19 | 2x2,5 mm ² + 35x1 mm ² | ■ ■ + 35 x 1 2 3 4... | 25 |
| | | | | |  |
| 750201 | 2 | 5 | 2x0,75 mm ² | ■ ■ | 5000 |
| 750176 | 2 | 5,5 | 2x1 mm ² | ■ ■ | 5000 |
| 750197 | 2 | 6,5 | 2x1,5 mm ² | ■ ■ | 2500 |
| 750167 | 2 | 8,4 | 2x2,5 mm ² | ■ ■ | 2000 |
| 750179 | 2 | 9 | 2x4 mm ² | ■ ■ | 2000 |
| 750184 | 2 | 11 | 2x6 mm ² | ■ ■ | 1000 |
| 750204 | 3 | 5,1 | 3x0,75 mm ² | ■ ■ □ | 3000 |
| 750180 | 3 | 6 | 3x1 mm ² | ■ ■ □ | 2500 |
| 750215 | 3 | 8,4 | 3x1,5 mm ² | ■ ■ ■ | 2000 |
| 750196 | 3 | 10 | 3x2,5 mm ² | ■ ■ □ | 2000 |
| 750168 | 4 | 7,5 | 2x2,5 mm ² + 2x1 mm ² | ■ ■ + ■ ■ | 2000 |
| 750191 | 4 | 7 | 4x1 mm ² | 4 x ■ ■ ■ ■ | 2000 |
| 750234 | 7 | 11 | 7x1,5 mm ² | 7 x ■ ■ ■ ■ | 1000 |
| 750192 | 8 | 9,5 | 8x1 mm ² | 8 x ■ ■ ■ ■ | 1000 |
| 750193 | 12 | 10,5 | 12x1 mm ² | 12 x ■ ■ ■ ■ | 1000 |
| 750188 | 12 | 12,5 | 2x2,5 mm ² + 10x1 mm ² | ■ ■ + 10 x ■ ■ ■ ■ | 750 |
| 750178 | 16 | 14 | 2x2,5 mm ² + 14x1 mm ² | ■ ■ + 14 x ■ ■ ■ ■ | 500 |
| 750183 | 16 | 12 | 16x0,75 mm ² | ■ ■ + 14 x ■ ■ ■ ■ | 1000 |
| 750169 | 19 | 14,5 | 2x2,5 mm ² + 17x1 mm ² | ■ ■ + 17 x ■ ■ ■ ■ | 500 |
| 750240 | 22 | 16 | 1x2,5 mm ² + 21x0,75 mm ² | ■ + 21 x ■ ■ ■ ■ | 500 |
| 750171 | 24 | 16,5 | 2x2,5 mm ² + 22x1 mm ² | ■ ■ + 22 x ■ ■ ■ ■ | 500 |
| 750217 | 28 | 17 | 2x2,5 mm ² + 26x1 mm ² | ■ ■ + 26 x ■ ■ ■ ■ | 500 |
| 750185 | 37 | 19 | 2x2,5 mm ² + 35x1 mm ² | ■ ■ + 35 x 1 2 3 4... | 300 |

Prolunghe - Extensions cables



| Cod. | 1 | L (m) | # | 2 | Wires Sect. (mm ²) |  |
|-------------------|-------------------|-------|-----------|-------------------|--------------------------------|---|
| 919048-3.0 | mate-n-lok 6M | 3 | 8 | mate-n-lok 6F | 8x1 | 1 |
| 919049-1.0 | mate-n-lok 12M | 1 | 12 | mate-n-lok 12F | 12x1 | 1 |
| 919049-3.0 | mate-n-lok 12M | 3 | 12 | mate-n-lok 12F | 12x1 | 1 |
| 919049-4.0 | mate-n-lok 12M | 4 | 12 | mate-n-lok 12F | 12x1 | 1 |
| 919049-5.0 | mate-n-lok 12M | 5 | 12 | mate-n-lok 12F | 12x1 | 1 |
| 919049-6.0 | mate-n-lok 12M | 6 | 12 | mate-n-lok 12F | 12x1 | 1 |
| 919049-7.0 | mate-n-lok 12M | 7 | 12 | mate-n-lok 12F | 12x1 | 1 |
| 919049-9.0 | mate-n-lok 12M | 9 | 12 | mate-n-lok 12F | 12x1 | 1 |
| 919049-10 | mate-n-lok 12M | 10 | 12 | mate-n-lok 12F | 12x1 | 1 |
| 919095-3.0 | mate-n-lok 15M | 3 | 16 | mate-n-lok 15F | 14x1 + 2x2,5 | 1 |
| 919101-1,2 | Burndy 8 | 1,2 | 8 | Burndy 8 | 8x1 | 1 |
| 919101-3.0 | Burndy 8 | 3 | 8 | Burndy 8 | 8x1 | 1 |
| 919101-4.0 | Burndy 8 | 4 | 8 | Burndy 8 | 8x1 | 1 |
| 919102-1.0 | Burndy UTG 12M | 1 | 12 | Burndy UTG 12F | 10x1 + 2x2,5 | 1 |
| 919102-3.0 | Burndy UTG 12M | 3 | 12 | Burndy UTG 12F | 10x1 + 2x2,5 | 1 |
| 919102-5.0 | Burndy UTG 12M | 5 | 12 | Burndy UTG 12F | 10x1 + 2x2,5 | 1 |
| 770191 | Burndy UTG 12F | 5 | 12 | Burndy UTG 12F | 10x1 + 2x2,5 | 1 |
| 919090-1.0 | Burndy 19 f.m. | 1 | 19 | Burndy 19 f.f. | 17x1 + 2x2,5 | 1 |
| 919090-3.0 | Burndy 19 f.m. | 3 | 19 | Burndy 19 f.f. | 17x1 + 2x2,5 | 1 |
| 919090-4.0 | Burndy 19 f.m. | 4 | 19 | Burndy 19 f.f. | 17x1 + 2x2,5 | 1 |
| 919113-1,5 | Burndy 19 f.f. | 1,5 | 19 | Burndy 19 f.m. | 17x1 + 2x2,5 | 1 |
| 919114-3.0 | Burndy 23 f.f. | 3 | 23 | Burndy 23 f.m. | 22x1 + 2x2,5 | 1 |
| 919039-0,6 | Burndy UTG 28M | 0,6 | 24 | Burndy UTG 28F | 22x1 + 2x2,5 | 1 |
| 919039-2.0 | Burndy UTG 28M | 2 | 24 | Burndy UTG 28F | 22x1 + 2x2,5 | 1 |
| 919039-4.0 | Burndy UTG 28M | 4 | 24 | Burndy UTG 28F | 22x1 + 2x2,5 | 1 |
| 919039-7.0 | Burndy UTG 28M | 7 | 24 | Burndy UTG 28F | 22x1 + 2x2,5 | 1 |
| 919039-10 | Burndy UTG 28M | 10 | 24 | Burndy UTG 28F | 22x1 + 2x2,5 | 1 |
| 919040-2.0 | Burndy UTG 28F | 2 | 24 | Burndy UTG 28M | 22x1 + 2x2,5 | 1 |
| 919040-3.0 | Burndy UTG 28F | 3 | 24 | Burndy UTG 28M | 22x1 + 2x2,5 | 1 |
| 919040-5.0 | Burndy UTG 28F | 5 | 24 | Burndy UTG 28M | 22x1 + 2x2,5 | 1 |
| 919077-1.0 | FCI Sicma 24M | 1 | 24 | FCI Sicma 24F | 22x1 + 2x2,5 | 1 |
| 919077-3.0 | FCI Sicma 24M | 3 | 24 | FCI Sicma 24F | 22x1 + 2x2,5 | 1 |
| 919077-5.0 | FCI Sicma 24M | 5 | 24 | FCI Sicma 24F | 22x1 + 2x2,5 | 1 |
| 919077-9.0 | FCI Sicma 24M | 9 | 24 | FCI Sicma 24F | 22x1 + 2x2,5 | 1 |
| 919115-3.0 | Super Seal 3 f.m. | 3 | 3 | Super Seal 3 f.f. | 3x0,75 | 1 |
| 919115-5.0 | Super Seal 3 f.m. | 5 | 3 | Super Seal 3 f.f. | 3x0,75 | 1 |
| 919118-5.0 | ITT 24 f.m. | 5 | 22 | ITT 24 f.f. | 21x0,75 + 1x2,5 | 1 |
| 191118-7.0 | ITT 24 f.m. | 7 | 22 | ITT 24 f.f. | 21x0,75 + 1x2,5 | 1 |
| 191118-9.0 | ITT 24 f.m. | 9 | 22 | ITT 24 f.f. | 21x0,75 + 1x2,5 | 1 |
| 901523 | faston M 6,3mm | 3 | 4 | faston F 6,3mm | 2x1 + 2x2,5 | 1 |
| 901512 | faston M 6,3mm | 5 | 4 | faston F 6,3mm | 2x1 + 2x2,5 | 1 |
| 901512.01 | faston M 6,3mm | 6 | 4 | faston F 6,3mm | 2x1 + 2x2,5 | 1 |
| 901513 | faston M 6,3mm | 7 | 4 | faston F 6,3mm | 2x1 + 2x2,5 | 1 |
| 905774-05 | faston F 6,3mm | 5 | 2 | faston F 6,3mm | 2x2,5 | 1 |
| 905774-07 | faston F 6,3mm | 7 | 2 | faston F 6,3mm | 2x2,5 | 1 |



| Cod. | 1 | L (m) | # | 2 | costam-pato | Wires Sect. (mm ²) |  |
|------------|---------------------------|-------|---|------------------|-------------|--------------------------------|---|
| 901703 | 3 poles plug 25A | 2 | 2 | 2 faston M 6,3mm | | 2 x 2,5 | 1 |
| 901208.01 | 3 poles plug 25A | 2 | 2 | 2 faston F 6,3mm | ✓ | 2 x 2,5 | 1 |
| 901208.03 | 3 poles plug 25A | 2 | 2 | 3 faston F 6,3mm | | 2 x 2,5 | 1 |
| 901208 | 3 poles plug 25A | 2 | 2 | not cabled | | 2 x 2,5 | 1 |
| 901208.07 | 3 poles plug 25A | 2 | 2 | not cabled | | 2 x 4 | 1 |
| 901208.04 | 3 poles plug 25A | 2,2 | 2 | not cabled | | 2 x 1,5 | 1 |
| 901208.05 | 3 poles plug 25A | 2,5 | 2 | not cabled | | 2 x 2,5 | 1 |
| 770189 | 3 poles plug 25A | 8 | 2 | not cabled | | 2 x 2,5 | 1 |
| 901843-2.0 | 3 poles plug 10A+LED+FUSE | 2,0 | 2 | not cabled | | 2 x 2,5 | 1 |
| 901843-3.0 | 3 poles plug 10A+LED+FUSE | 3,1 | 2 | not cabled | | 2 x 2,5 | 1 |
| 919032-2.0 | lighter plug | 2 | 2 | 2 faston M 6,3mm | | 2 x 1,5 | 1 |
| 919072-2.0 | lighter plug | 2 | 2 | 2 faston F 6,3mm | | 2 x 1,5 | 1 |
| 919033-2.0 | lighter plug | 2 | 2 | not cabled | | 2 x 1,5 | 1 |
| 919033-8.0 | lighter plug | 8 | 2 | not cabled | | 2 x 1,5 | 1 |
| 919071-2.0 | crocodile clips | 2 | 2 | 2 faston M 6,3mm | | 2 x 2,5 | 1 |


Guaina trecciata nera

Black braided sleeving

Guaina trecciata in poliestere.
 Infiammabilità: UL 94: HB
 Temperature di esercizio: -50°C a +150°C (picchi di 170°C)
 Resistente a sali, lubrificanti, raggi UV, benzina e agenti chimici

Polyester braided sleeving.
 Flammability: UL 94: HB
 Operating range from -50°C to 150°C (peak 170°C)
 Salts, lubricants, UV rays, gasoline and chemicals resistant




| Cod. | Description | ømm | Color |  (m) |
|--------|------------------------|-----|-------|---|
| 750147 | Black braided sleeving | 6 | ■ | 100 |
| 750131 | Black braided sleeving | 8 | ■ | 100 |
| 750148 | Black braided sleeving | 10 | ■ | 100 |
| 750107 | Black braided sleeving | 12 | ■ | 100 |
| 750177 | Black braided sleeving | 15 | ■ | 100 |
| 750114 | Black braided sleeving | 25 | ■ | 50 |
| 750115 | Black braided sleeving | 30 | ■ | 50 |

Guaina in PVC

PVC sleeving

Guaina in PVC autoestinguente.
 Infiammabilità: UL 94: HB
 Temperature di esercizio: -30°C a +70°C
 Self-extinguishing PVC sleeving.
 Flammability
 Operating range from -30°C to 70°C



| Cod. | Description | ømm | Color |  (m) |
|--------|--------------------|-----|-------|---|
| 750101 | Black PVC sleeving | 4 | ■ | 1000 |
| 750094 | Black PVC sleeving | 5 | ■ | 700 |
| 750095 | Black PVC sleeving | 6 | ■ | 500 |
| 750102 | Black PVC sleeving | 8 | ■ | 300 |
| 750090 | Black PVC sleeving | 9 | ■ | 250 |
| 750092 | Black PVC sleeving | 10 | ■ | 200 |
| 750103 | Black PVC sleeving | 12 | ■ | 150 |
| 750140 | Black PVC sleeving | 13 | ■ | 125 |
| 750155 | Black PVC sleeving | 14 | ■ | 200 |
| 750135 | Black PVC sleeving | 16 | ■ | 80 |
| 750129 | Black PVC sleeving | 18 | ■ | 75 |
| 750099 | Black PVC sleeving | 22 | ■ | 50 |
| 750120 | Black PVC sleeving | 25 | ■ | 50 |


Guaina corrugata Schlemmer® per posa mobile

Schlemmer® corrugated sleeving

Per posa mobile, in PA6 HB
 Infiammabilità: UL 94: HB
 Resistente agli UV: DIN ISO 8580.
 Temperature di esercizio: -40°C a +120°C

For high mechanical stresses,
 PA6 HB
 Flammability: UL 94:HB
 UV resistance: DIN ISO 8580
 Operating range from -40°C to 120°C




| Cod. | Schlemmer reference | Model | Ø int. |  (m) |
|-----------|---------------------|---|--------|--|
| 750122 | 1200068 | Corrugated sleeving | 4,5 | 100 |
| 750225 | 1200070 | Corrugated sleeving | 7,5 | 50 |
| 750139 | 1200089 | Corrugated sleeving | 8,5 | 50 |
| 750116 | 1200100 | Corrugated sleeving | 10 | 50 |
| 750123 | 1200127 | Corrugated sleeving | 12 | 50 |
| 750220 | 1200135 | Corrugated sleeving | 13 | 50 |
| 750149 | 1200143 | Corrugated sleeving | 14 | 50 |
| 750136 | 1200178 | Corrugated sleeving | 17 | 50 |
| 750124 | 1200232 | Corrugated sleeving | 23 | 50 |
| 750231 | 1200267 | Corrugated sleeving | 26 | 25 |
| 750226 | 1200025 | Corrugated sleeving | 29 | 30 |
| 750227 | 1200062 | Corrugated sleeving | 37 | 30 |
| 750141 | 1205102 | Inspectable Corrugated sleeving ø 10 | 10 | 50 |
| 750125 | | Straight fitting for Sleeving ø10 | PG9 | 1 |
| 750126 | 3805009 | Straight fitting for Sleeving ø12 | PG11 | 1 |
| 750134 | | 90° fitting for Sleeving ø15,8 | PG11 | 1 |
| 750132 | | Straight fitting for Sleeving ø21,2 | PG16 | 1 |
| 750127 | | Straight fitting for Sleeving ø23 | PG21 | 1 |
| 750143 | 7800045 | Pull-proof cable grip for Sleeving ø12/13 | PG11 | 1 |
| 406243.04 | 7807795 | Cover X Conn.24p.sicma 24 G.corr. | PG24 | 1 |
| 750242 | 5010-4848N | Racc.dir. Guaina Corr.d54 | PG48 | 1 |
| 406201 | | AMP CPC 37p -> Sleeving ø 21 adapter | - | 1 |
| 406172 | | Bumdi 28p -> Sleeving ø 23 adapter | - | 1 |

Guaina corrugata Schlemmer® per posa fissa

Schlemmer® corrugated sleeving

Per posa fissa, in PPmod
 Infiammabilità: UL 94: V2
 Resistente agli UV: DIN ISO 8580.
 Temperature di esercizio: -40°C a +135°C

For fixed installation, PPmod
 Flammability: UL 94:V2
 UV resistance: DIN ISO 8580
 Operating range from -40°C to 135°C

| Cod. | Schlemmer reference | Model | Ø (mm) |  |
|----------|---------------------|------------------------------------|--------|---|
| 750122-H | 1926700 | Corrugated conduit for fixed mount | 4,5 | 100 |
| 750233-H | 1926701 | Corrugated conduit for fixed mount | 6 | 100 |
| 750220-H | 1926706 | Corrugated conduit for fixed mount | 13 | 50 |
| 750230-H | 1926707 | Corrugated conduit for fixed mount | 14 | 50 |



■ ■ Guaina termorestringente con colla

■ ■ Heat-shrinking self-adhesive sleeving

Guaina termorestringente in poliolefina a doppia parete con colla, autoestinguente. Temperatura di restringimento 95°C. Temperature di esercizio: -55°C a +110°C


Dual wall polyolefin self-adhesive sleeving, heat-shrinking and self-extinguishing.

Shrinking temperature: 95°C

Operating range from -55°C to 110°C



DSG-CANUSA

| Cod. | Description | ømm | Shrinking ratio | Color |  (m) |
|--------|---------------------------------------|-----|-----------------|-------|---|
| 750117 | Heat-shrinking self-adhesive sleeving | 3 | 3:1 | ■ | 150 m |
| 750121 | Heat-shrinking self-adhesive sleeving | 6 | 3:1 | ■ | 75 m |
| 750128 | Heat-shrinking self-adhesive sleeving | 16 | 4:1 | ■ | factory cut at 1,22 m |
| 750119 | Heat-shrinking self-adhesive sleeving | 24 | 4:1 | ■ | factory cut at 1,22 m |
| 750104 | Heat-shrinking self-adhesive sleeving | 32 | 4:1 | ■ | factory cut at 1,22 m |
| 750130 | Heat-shrinking self-adhesive sleeving | 40 | 4:1 | ■ | factory cut at 1,22 m |
| 750105 | Heat-shrinking self-adhesive sleeving | 52 | 4:1 | ■ | factory cut at 1,22 m |

■ ■ Guaina termorestringente con colla

■ ■ Heat-shrinking self-adhesive sleeving

Guaina termorestringente in poliolefina modificata e reticolata, autoestinguente, a medio spessore.

Temperatura di restringimento 125°C.

Temperature di esercizio: -55°C a +125°C


Heat-shrink tubing in modified and cross-linked polyolefin, self-extinguishing, medium thickness.

Shrinking temperature: 125°C

Operating range from -55°C to 125°C



Ray
tech

| Cod. | Description | ømm | Shrinking ratio | Color |  (m) |
|--------|--------------------|-------|-----------------|-------|--|
| 750166 | Heat shrink tubing | 10/3 | 3:1 | ■ | factory cut at 1 m |
| 750165 | Heat shrink tubing | 16/5 | 3:1 | ■ | factory cut at 1 m |
| 750164 | Heat shrink tubing | 25/8 | 3:1 | ■ | factory cut at 1 m |
| 750161 | Heat shrink tubing | 35/12 | 3:1 | ■ | factory cut at 1 m |
| 750160 | Heat shrink tubing | 50/16 | 3:1 | ■ | factory cut at 1 m |
| 750145 | Heat shrink tubing | 63/19 | 3:1 | ■ | factory cut at 1 m |

■ ■ Guaina termo

■ ■ Heat-shrinking sleeving

Guaina termorestringente in poliolefina, autoestinguente.

Temperatura di restringimento 100°C.


Temperature di esercizio: -55°C a +135°C

Polyolefin heat-shrinking, self-extinguishing sleeving.

Shrinking temperature: 100°C

Operating range from -55°C to 135°C

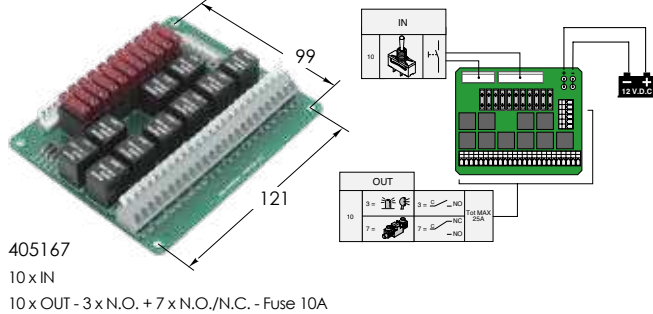


| Cod. | Description | ømm | Shrinking ratio | Color |  (m) |
|--------|-------------------------|------|-----------------|-------|---|
| 750216 | Heat-shrinking sleeving | 3,2 | 2:1 | ■ | 15m |
| 750133 | Heat-shrinking sleeving | 4,8 | 2:1 | ■ | 12m |
| 750113 | Heat-shrinking sleeving | 12,7 | 2:1 | ■ | 75m |
| 750146 | Heat-shrinking sleeving | 19 | 2:1 | ■ | 5m |

■ Schede relè 12V DC

Disponibili in 2 versioni:

- 405167: 10 entrate e 10 uscite controllate da relè (7 con relè NO, 3 con relè NO-NC), fusibile di protezione a lama 8A.
- 405166: 16 entrate e 16 uscite controllate da relè NO. Ogni ingresso attiva l'uscita corrispondente e una valvola generale di messa a scarico. Due fusibili di protezione a lama: 15A (generale) e 10A (valvola di messa a scarico).

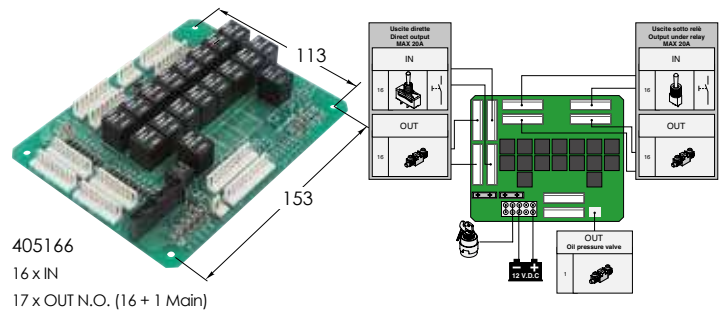


405167
10 x IN
10 x OUT - 3 x N.O. + 7 x N.O./N.C. - Fuse 10A

■ 12V DC relay boards

2 versions available:

- 405167: 10 input and 10 output controlled by relay (7 with NO relay, 3 with NO-NC relay), 8A protection blade fuse.
- 405166: 16 input and 16 output controlled by NO relays. Each input activates the corresponding output and the main discharge valve. Two protection blade fuses: 15A (main) and 10A (discharge valve).



405166
16 x IN
17 x OUT N.O. (16 + 1 Main)

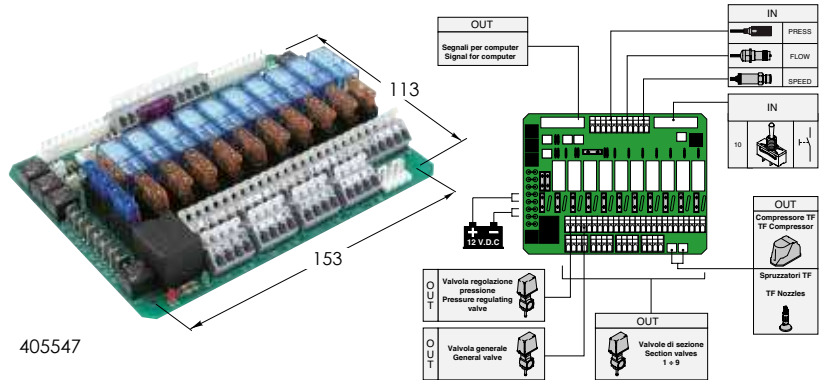
| Cod. | Description | Fuses | Size | In | Out | V | |
|--------|--|--------------------------------------|---------|----|-----|----|---|
| 405167 | 10 IN / 10 OUT (3 x N.O. + 7 x N.O./N.C.) | 11 Sections x 10A | 111X132 | 10 | 10 | 12 | 1 |
| 405166 | 16 IN / 17 OUT N.O. (16 sections + 1 Main) | 15A Main valve 5A Discharge valve | 130X170 | 32 | 33 | 12 | 1 |

■ Scheda di giunzione per controllo box di comando e sistemi di irrorazione (valvole motorizzate).

- Alimentazione 12V DC
- LED di alimentazione
- Protezione contro inversione di corrente elettrica.
- Gestione di 8 segnali in ingresso e altrettante uscite
- Gestione di 3 segnali in ingresso da sensori esterni, bypassati al box di comando.

■ Junction board to control a switch box and a spraying system (motorized valves).

- 12V DC
- Power supply LED
- Current inversion protection
- 8 input and 8 output signals.
- Possibility to manage 3 input signals from external sensors, bypassed to the switch box.



405547

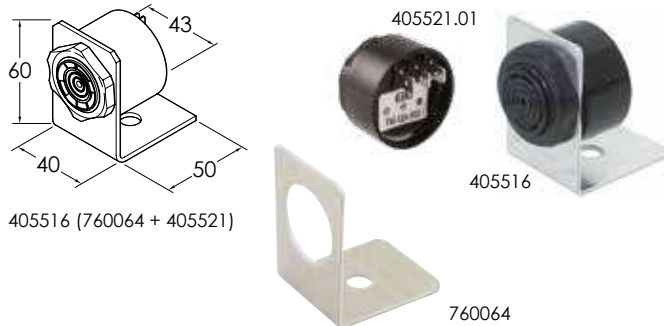
| Cod. | Description | Fuses | Size | In | Out | V | |
|--------|---|--|---------|----|-----|----|---|
| 405547 | 9 motorized sections + Main valve + Pressure regulation valve | 15 A Main valve - 9 sections x 5 A - 3 A sensors | 130X170 | 13 | 14 | 12 | 1 |

■ Cicalino

Emette un suono ad impulsi (impulsi lenti o veloci e continuo) di intensità 80 - 95dB. Alimentazione a 6 - 28V DC tramite connettori faston 6,3mm. Tenuta stagna IP65.

■ Buzzer

Emits pulse sound (slow or fast and continuous) with 80 - 95dB intensity. Requires 6 - 28V DC power supply with 6,3 mm faston connectors. IP65 protection.



405516 (760064 + 405521)

760064

| Cod. | Description | Faston | V DC | dB | |
|-----------|--|--------|--------|---------|---|
| 405516 | Pulse + Bracket | 2 | 6 ÷ 28 | 80 ÷ 95 | 1 |
| 405521 | Pulse | 2 | 6 ÷ 28 | 80 ÷ 95 | 1 |
| 405521.01 | Fast Pulse + Continuous | 3 | 6 ÷ 28 | 80 ÷ 95 | 1 |
| 760064 | Aluminum bracket for external mount 60x40x50 | | | | 1 |

■ Strumenti di misura ■ Measurement tools

IPX4

| Cod. | Description | IP Grade | Size | mm | LED | V | |
|--------|-------------------|----------|-------|-------|-----|-------|---|
| 405220 | Hour meter (1/10) | IPX4 | 53x32 | 37x25 | | 10-80 | 1 |
| 405221 | Battery indicator | IPX4 | 53x32 | 37x25 | √ | 12/24 | 1 |





405220








405221











■ Puntalini e connettori a crimpare - ■ Crimp caps and eyelets



| Cod. | MAX Section (mm ²) | ∅ screw (mm) |  |
|--------|--------------------------------|--------------|---|
| 406548 | 35 | 8 | 100 |
| 406596 | 35 | 10 | 100 |
| 406602 | 35 | 12 | 100 |














| Cod. | MAX Section (mm ²) | L (mm) |  |
|--------|--------------------------------|--------|---|
| 406529 | 10 | 15 | 100 |
| 406530 | 16 | 15 | 100 |
| 406531 | 25 | 15 | 100 |
| 406539 | 35 | 16 | 100 |



| Cod. | Section (mm ²) | ∅ screw (mm) | Color |  |
|--------|----------------------------|--------------|---|---|
| 406537 | 1,5 ÷ 2,5 | 4 |  | 100 |
| 406538 | 1,5 ÷ 2,5 | 5 |  | 100 |





| Cod. | Section (mm ²) | Color |  |
|--------|----------------------------|---|---|
| 406527 | 1,5 ÷ 2,5 |  | 100 |







| Cod. | MAX Sect. (mm ²) | L (mm) | Color |  |
|-----------|------------------------------|--------|---|--|
| 406532-OR | 0,3-0,5 | 8 |  | 100 |
| 406604-GR | 0,75 | 8 |  | 100 |
| 406532 | 1 | 8 |  | 100 |
| 406604-R | 1 | 8 |  | 100 |
| 406540 | 1,5 | 8 |  | 100 |
| 406604-BL | 1,5 | 8 |  | 100 |
| 406541 | 2,5 | 8 |  | 100 |
| 406820 | 4 | 10 |  | 100 |
| 406821 | 6 | 12 |  | 100 |



| Cod. | MAX Sect. (mm ²) | L (mm) | Color |  |
|--------|------------------------------|--------|---|---|
| 406612 | 2 X 1,5 | 8 |  | 100 |




| Cod. | Section (mm ²) | ∅ screw (mm) | Color |  |
|--------|----------------------------|--------------|---|---|
| 406573 | 0,25 ÷ 1,5 | 4 |  | 100 |
| 406651 | 0,25 ÷ 1,5 | 8 |  | 100 |
| 406509 | 1,5 ÷ 2,5 | 4 |  | 100 |
| 406507 | 1,5 ÷ 2,5 | 6 |  | 100 |
| 406629 | 1,5 ÷ 2,5 | 8 |  | 100 |
| 406511 | 1,5 ÷ 2,5 | 10 |  | 100 |
| 406508 | 4 ÷ 6 | 6 |  | 100 |
| 406521 | 4 ÷ 6 | 8 |  | 100 |
| 406613 | 4 ÷ 6 | 10 |  | 100 |
| 406806 | 6 ÷ 10 | 5 |  | 100 |
| 406723 | 10 | 8 |  | 100 |
| 406822 | 10 | 10 |  | 100 |

| Cod. | Section (mm ²) | Color |  |
|--------|----------------------------|---|---|
| 406516 | 4 ÷ 6 |  | 100 |






| Cod. | Section (mm ²) | Size (mm) | Color |  |
|--------|----------------------------|------------|---|---|
| 406574 | 4 ÷ 6 | 6,35 x 0,8 |  | 100 |
| 406594 | 0,25 ÷ 1,5 | 6,35 x 0,8 |  | 100 |
| 406816 | 1,5 ÷ 2,5 | 6,35 x 0,8 |  | 100 |

| Cod. | Section (mm ²) | L (mm) | Color |  |
|----------|----------------------------|--------|---|--|
| 406360-R | 0,25 ÷ 1,5 | 25 |  | 100 |
| 406360 | 1,5 ÷ 2,5 | 25 |  | 100 |
| 406359 | 4 ÷ 6 | 25 |  | 100 |
| 406725 | 6 ÷ 10 | 43 |  | 100 |
| 406826 | 10 ÷ 16 | 44 |  | 100 |




| Cod. | Section (mm ²) | Color |  |
|--------|----------------------------|---|---|
| 406528 | 4 ÷ 6 |  | 100 |

| Cod. | Section (mm ²) | Color |  |
|--------|----------------------------|---|---|
| 406628 | 1,5 ÷ 2,5 |  | 100 |
| 406692 | 1,5 |  | 100 |


■ Nastro isolante - ■ Insulating tape CEI EN 60454 ■ Morsetti trasparenti - ■ Transparent clips

| Cod. | Description | Color |  |
|-----------|------------------------|---|---|
| 700051 | 0.15 mm x 19 mm x 25 m |  | 5 |
| 700051-BL | 0.15 mm x 19 mm x 25 m |  | 5 |
| 700051-G | 0.15 mm x 19 mm x 25 m |  | 5 |
| 700051-R | 0.15 mm x 19 mm x 25 m |  | 5 |

■ Nastro isolante adesivo telato normative FIAT ■ Duct Insulating Adhesive tape FIAT norm

| Cod. | Description | Color |  |
|--------|------------------------|---|---|
| 700074 | 0.15 mm x 19 mm x 25 m |  | 5 |
| 700079 | 0.15 mm x 50 mm x 50 m |  | 5 |

- operating range from -5°C to 85°C;
- brass insert;
- galvanized steel screws;
- polycarbonate shells.
- temperatura di impiego -5 °C a 85 °C;
- inserti in ottone;
- viti in acciaio zincato;
- gusci in polycarbonato.

| Cod. | MAX Section (mm ²) | # |  |
|--------|--------------------------------|---|---|
| 406073 | 4 | 1 | 10 |
| 406003 | 6 | 1 | 10 |
| 406117 | 10 | 1 | 10 |
| 406122 | 6 | 3 | 10 |
| 406123 | 6 | 2 | 10 |
| 406121 | 6 | 5 | 10 |

■ Fascette per cablaggi

- nylon 6.6 autoestinguente V2 UL 94;
- temperatura di impiego -40 ÷ +100 °C;
- 110 N max;
- D min 2 mm;
- D max 24 mm.



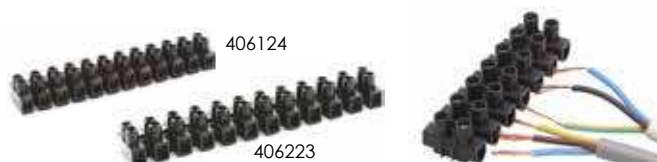
■ Cable ties

- self-extinguishing 6,6 nylon V2 UL 94;
- operating range from -40°C to 100°C;
- Max 110 N;
- Min D 2 mm;
- Max D 24 mm.

| Cod. | Description | |
|--------|-----------------|------|
| 235012 | 2,5 mm x 100 mm | 1000 |
| 235008 | 3,5 mm x 200 mm | 1000 |
| 235011 | 3,5 mm x 280 mm | 1000 |
| 235021 | 4,7 mm x 390 mm | 1000 |

■ Morsetti "mammut" - ■ "Mammut" clips

| Cod. | MAX Section (mm ²) | |
|--------|--------------------------------|----|
| 406124 | 2,5 | 12 |
| 406223 | 4 | 12 |



■ Guida Omega per quadri elettrici ■ Omega rail for electric panels UNI 5961-67 - DIN 46277



| Cod. | Description | |
|--------|------------------------|-----|
| 406120 | Omega rail 35 mm x 7,5 | 2 m |

■ Morsetti Wago®/Weidmüller® per guida Omega - ■ Wago®/Weidmüller® clips for Omega rail





| Cod. | Description | MAX Sect. (mm ²) | # | Wago / Weidmüller Ref. Note | |
|-----------|--|------------------------------|---|---------------------------------------|-----|
| 406135 | Mors. G/V2,5mmq guida Om. | 2,5 | 1 | 2002-1207 (Wago) | 10 |
| 406118 | Mors. G/V 10mmq guida Om. | 6 | 1 | 2006-1207 (Wago) | 10 |
| 406405 | Morsetto doppio a molla con diodo 1A | 2,5 | 2 | 2002-2211/1000-410 (Wago) | 10 |
| 406119 | Mors. blu 10mmq guida Om. | 10 | 1 | 2006-1204 Blue plastic body | 10 |
| 406119.01 | Piastrina per chiusura morsetto | 10 | 1 | Filler Plate for 406119 | 10 |
| 406337 | Mors. sing. basso a vite | 2,5 | 1 | 03800460000 (Weidmüller) | 10 |
| 406337.01 | Chiusura | - | - | 027956 - filler plate for 406337 | 10 |
| 406132.02 | Mors. doppio a molla basso | 2,5 | 2 | 167430000 (Weidmüller) | 10 |
| 406132.03 | Mors. doppio a molla basso poli tutti uniti | 2,5 | 1 | 1689990000 (Weidmüller) | 10 |
| 406197 | Mors.doppio2,5mmq.G/OMEG | 2,5 / 4 | 2 | 2002-2201 (Wago) | 10 |
| 406197.01 | Chiusura morsetto doppio | - | - | filler plate for 406197 | 10 |
| 406386 | Mors. di chiusura a vite | - | - | 0383560000 - filler plate | 10 |
| 406389 | Targh. morsetti "Vago" | | | 793-5501 (Wago) | 500 |
| 406388 | Ponte 2 vie | | | 2002-402 (Wago) | 100 |
| 406417 | Ponte 4 vie | | | 2002-404 (Wago) | 100 |
| 406307 | Portafus.A morsetto G/OMEG | 6 | | 1814690000 (Weidmüller) - fuse holder | 10 |
| 406404 | Morsetto doppio a molla portafusibile, fusibile 5x20 | 2,5 | 1 | 2002-1611 (Wago) | 10 |


■ Morsetti Wago®/Weidmüller®, passo 5 mm - ■ Wago®/Weidmüller® clips, 5 mm pitch





| Cod. | MAX Section (mm ²) | # | Wago Ref. | |
|-----------|--------------------------------|---|-----------|----|
| 406247 | 2,5 | 2 | 256-402 | 10 |
| 406247.01 | 2,5 | 3 | 256-403 | 10 |
| 406247.02 | 2,5 | 4 | 256-404 | 10 |

■ ■ Relè e zoccoli portarelè Finder® - ■ ■ Finder® relays & sockets

| | Cod. | Finder ref. | A | V DC | Type | Note |  |
|---|---|------------------|--------------|---------|----------------|---|---|
|  | 400428 | 403190120000 | 10 | 12 | 1 NO-NC | Socket 400443/400443.01 | 1 |
| | 400428.01 | 406190120000 | 16 | 12 | 1 NO-NC | Socket 400443/400443.01 | 1 |
| | 400428.02 | 403190240000 | 10 | 24 | 1 NO-NC | Socket 400443/400443.01 | 1 |
| | 400428.03 | 322170124000 | 6 | 12 | 1 NO-NC | Socket 400443/400443.01 | 1 |
| | 400428.04 | 322170244000 | 6 | 12 | 1 NO-NC | Socket 400443/400443.01 | 1 |
|  | 400429 | 405290120000 | 8 | 12 | 2 NO-NC | Socket 400444/400557 | 1 |
| | 400429.01 | 405290240000 | 8 | 24 | 2 NO-NC | Socket 400444/400557 | 1 |
| | 400429.06 | 4052.9.024.0001 | 8 | 24 | 2 NO-NC (IP67) | Socket 400444/400557 | 1 |
| | 400429.07 | 4052.9.012.0001 | 8 | 12 | 2 NO-NC (IP67) | Socket 400444/400557 | 1 |
| | 400429.02 | 446290120000 | 10 | 12 | 2 NO-NC | Socket 400444/400557 | 1 |
| | 400429.03 | 446290240000 | 10 | 24 | 2 NO-NC | Socket 400444/400557 | 1 |
| | 400429.04 | 501290241000 | 8 | 24 | 2 NO-NC | Socket 400444/400557 | 1 |
| | 400429.05 | 40.62.7.012.4000 | 10 | 12 | 2 NO-NC | Socket 400444/400557 | 1 |
| | 400433 | 30.22.7.005.0010 | 7 | 5 | 2 NO-NC | Socket 400444/400557 | 1 |
| |  | 400475 | 553290120040 | 10 | 12 | 2 NO-NC | Socket 400484 |
| 400426.01 | | 553290240040 | 10 | 24 | 2 NO-NC | Socket 400484 | 1 |
| 400426.02 | | 553280240040 | 10 | 24 ac | 2 NO-NC | Socket 400484 | 1 |
| 400475 | | 553490120040 | 7 | 12 | 4 NO-NC | Socket 400484 | 1 |
| 400475.01 | | 553490240040 | 7 | 24 | 4 NO-NC | Socket 400484 | 1 |
|  | 400556 | 385170120050 | 6 | 12 | 1 NO-NC | | 1 |
| | 400556.01 | 385170240050 | 6 | 24 | 1 NO-NC | | 1 |
| | 400567 | 345170120010 | 6 | 12 | 1 NO-NC | Socket 400567.01 | 20 |
| | 400567.02 | 345170240010 | 6 | 24 | 1 NO-NC | | 20 |
|  | 400559 | 800102400000 | 16 | 12 / 24 | 1 CO-SPDT | Timer | 1 |
| | 400493 | 202290120000 | 16 | 12 | 2 NO | Step relay | 1 |
| | 400525 | 202390240000 | 16 | 24 | 1 NC-NO | Step relay | 1 |
| | 400560 | 9901902499 | | 6 / 24 | ➔ + green LED | Protect & alert for Finder sockets 9575, 9474 | 1 |
| | 400560.01 | 9902902499 | | 6 / 24 | ➔ + green LED | Protect & alert for Finder sockets 9404 | 1 |
| | 400561 | 628282300300 | 16 | 230 ac | 2 NO-NC | Power relay | 1 |
| 400414 | 863000240000 | | 24 | | | 1 | |

| | Cod. | Finder ref. | Note |  |
|---|-----------|-------------|--|---|
|  | 400443 | 95132SMA | 1 exch. relay socket - circuit board mount | 1 |
| | 400443.01 | 9563SMA | 1 exch. relay socket - DIN rail mount | 1 |
|  | 400444 | 95152SMA | 2 exch. relay socket - circuit board mount | 1 |
|  | 400557 | 9575SMA | DIN rail 2 exch. relay socket | 1 |
| | 400558 | 9404SMA | DIN rail 4 exch. relay socket | 10 |
|  | 400484 | 9474SMA | HC2 / HC4, DIN rail | 1 |
| | 400484.01 | 9482SMA | | 1 |
|  | 400510 | 9026SMA | Octal, DIN rail | 1 |
| | 400510.01 | 9022SMA | Octal, DIN rail | 1 |
|  | 400415 | 9505SPA | Compass Terminals Socket | 10 |
|  | 400425 | 9701SMA | Plate Terminals Socket | 10 |

■ ■ Relè statico ad alta velocità OMRON® - ■ ■ OMRON® High-Speed Static Relay

| | Cod. | Omron ref. | A | V DC | Type | Note |  |
|---|-----------|-------------------------------|-----|------|---------|-----------------|---|
|  | 400524 | G3R-IDZR1SN | 0,1 | 5-24 | 1 NO-NC | Operational LED | 1 |
| | 400524.01 | 400524 socket, DIN rail mount | | | | | 1 |

Relè con connessioni faston e zoccoli portarelè - Faston relays & sockets

| | | | |
|---|--|---|---|
| <p>400447 20 A NO 30 A NC 12 V DC</p> <p>400447.01 20 A NO 30 A NC 12 V DC</p> <p>1 NO-NC</p> | <p>400639 30 A NO 40 A NC 12 V DC</p> <p>1 NO-NC</p> | <p>400549 20 A NO 30 A NC 12 V DC</p> <p>1 NO-NC with resistance</p> | <p>400527 20 A NO 30 A NC 12 V DC</p> <p>1 NO-NC with arc-exting. diode</p> |
| <p>400527.01 10 A NO 20 A NC 24 V DC</p> <p>1 NO-NC with arc-exting. diode</p> | <p>400486 30 A 12 V DC</p> <p>1 NO with 30 A Fuse</p> | <p>400445 40 A 12 V DC</p> <p>1 NO</p> | <p>400578 70 A 12 V DC</p> <p>1 NO-NC</p> |
| <p>400547.01 20 A 24 V DC</p> <p>1 NO</p> | <p>400547.02 20 A 24 V DC</p> <p>1 NO with resistor</p> | <p>400630.01 10 A NO 20 A NC 24 V DC</p> <p>1 NO-NC</p> | <p>400497 25 A 12 V DC</p> <p>1 NO Micro relay</p> |
| <p>400528 15/25 A 12 V DC</p> <p>1 NO-NC Micro relay with arc-exting. diode</p> <p>400528.01 10/20 A 24 V DC</p> | <p>400544 15/25 A 12 V DC</p> <p>1 NO-NC Micro relay</p> | <p>400544.02 15/25 A 12 V DC</p> <p>1 NO-NC Micro relay with resistor</p> | <p>400440 2x20 A 12 V DC</p> <p>2 NO-NC Micro relay with resistor</p> |
| <p>406343</p> <p>Socket for relay 70A</p> | <p>406074</p> <p>5 poles socket</p> | <p>406070</p> <p>5 poles socket for circuit boards</p> | <p>406074.01</p> <p>9 poles socket</p> |
| <p>406074.02</p> <p>5 poles socket for Micro relays</p> | <p>406077 Hella</p> <p>socket fuse modular lamellar +2 contacts (included)</p> | <p>406074.03 Hella</p> <p>Socket for Mini relays</p> | <p>400578.01</p> |

Relè Tyco® per circuiti stampati - Tyco® relays for print boards

| | | | |
|---|---|---|--|
| <p>400477 30 A NO 12 V DC</p> <p>1 NO-NC switching capability</p> <p>(Tyco ref.: v23076-A1001-C133)</p> | <p>400487 25 A NO 12 V DC</p> <p>1 NO-NC switching capability</p> <p>(Tyco ref.: v23086-C1001-A403)</p> | <p>400489 10 A NO 12 V DC</p> <p>1 NO-NC switching capability</p> <p>(Tyco ref.: v23072-C1061-A303)</p> | |
|---|---|---|--|

■ Sensori di prossimità OMRON®


IP69K


■ OMRON® proximity sensors

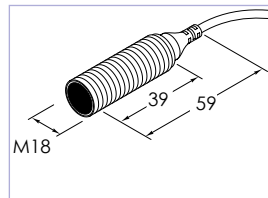
IP69K

Disponibili in versioni precablate completi di dadi di montaggio. Corpo in acciaio inox o ottone con filettatura metrica, uscita NPN o PNP. Funzionamento in modalità normalmente aperto (NO). Alimentazione 12/24V DC.

Available in pre-cabled versions with mounting nuts. Stainless steel or brass body with metric threading, NPN or PNP output. Normal open (NO) operating modality. 12/24V DC power supply.

| Cod. | Omron Ref. | AxB(C) (mm) | OUT | Reading distance | Screening | Body Material | NO | NC |  |
|--------|------------|----------------------|-----|------------------|-----------|-----------------|----|----|---|
| 401932 | 401932 | E2E-X2B1T8 2M | PNP | 2 mm | • | Stainless steel | • | | 1 |
| | 401932.01 | E2E-X2C18-2M | NPN | 2 mm | • | Stainless steel | • | | 1 |
| 401928 | 401928 | E2E-X8C118 2M | NPN | 8 mm | • | Brass | • | | 1 |
| | 401928.01 | E2E-X8B1T182M | PNP | 8 mm | • | Brass | • | | 1 |
| 401929 | 401929 | E2A-M18LN16-WP-C1 | NPN | 16 mm | | Brass | • | | 1 |
| | 401934 | E2EX8MB1T122M | PNP | 8 mm | | Brass | • | | 1 |
| | 401934.01 | E2A-M12KN08-WP-C1-2M | NPN | 8 mm | | Brass | • | | 1 |
| 401935 | 401933 | E2E-X4B1TL12 2M | PNP | 4 mm | • | Brass | • | | 1 |
| | 401933.01 | E2E-X4C1L12 2M | NPN | 4 mm | • | Brass | • | | 1 |
| | 401933.02 | E2E-X4C212 2M | NPN | 4 mm | • | Brass | | • | 1 |
| | 401933.03 | E2EX4B3D122M | PNP | 4 mm | • | Brass | • | • | 1 |
| 401937 | 401935 | E2EX8B1TL18M1 | PNP | 8 mm | • | Brass | • | | 1 |
| | 401942 | E2A-M18LN16-M1-B2 | PNP | 16 mm | | Brass | | • | 1 |
| | 401944 | E2EX8B2L18M1 | PNP | 8 mm | • | Brass | | • | 1 |
| | 401937 | E2A-M30KS15-WP-B1 2M | PNP | 15 mm | • | Brass | • | | 1 |
| | 401937.01 | E2E-X30MC2L302M | NPN | 30 mm | • | Brass | • | | 1 |

| Cod. | Description |  |
|-------------|--|---|
| 401936 | 90° connector for 401935 sensor | 1 |
| 401943-2,0 | Conn. M12 diritto F. 4x0,34 CEI 2022 2m | 1 |
| 401945-10,0 | Conn. M12 90° F. 4x0,34 CEI 2022 10m | 1 |
| 401946-5,0 | Conn. costampato M12 diritto M. 4x0,34 CEI 2022 5m | 1 |



| Cod. | Modello Model | Tipo Type | L (m) |
|------------|--------------------------------|-----------|-------|
| 917006-0,5 | Sensore CL5X-prox Deutsch | NO | 0,5 |
| 917023-0,5 | Sensore CL5X-prox SuperSeal 3p | NO | 0,5 |


■ Trasduttori di Pressione Keller®

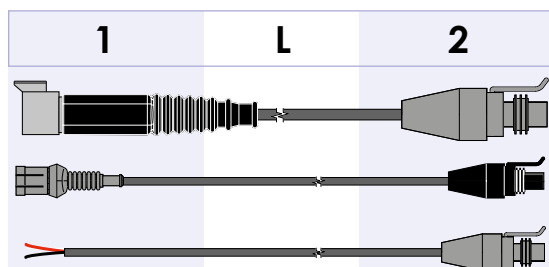
■ Keller® Pressure Transducers


Caratteristiche:
 • uscita 4..20 mA
 • alimentazione 8..28 V
 • temperatura compensata 0..50 °C
 • grado di protezione IP 67
 • connettore pressostato Packard Plug
 • ingresso G1/4" maschio con guarnizione usit ring
 • classe di precisione 1% da 10÷40 °C - 2% da 0÷60

Specifications:
 • output 4..20 mA
 • feeding 8..28 V
 • compensated temperature 0..50 °C
 • IP67 protection grade
 • Packard Plug connector
 • G1/4" male inlet, with usit ring seal
 • accuracy class 1% from 10÷40 °C - 2% from 0÷60





| Cod. | Max Pressure (bar) | Notes |  |
|------------|--------------------|------------------|---|
| 790007-10 | 10 | uncabled version | 1 |
| 790007-16 | 16 | uncabled version | 1 |
| 790007-25 | 25 | uncabled version | 1 |
| 790007-60 | 60 | uncabled version | 1 |
| 790007-100 | 100 | uncabled version | 1 |



| Cod. | 1 | L (m) | 2 |  |
|------------|---------------------|-------|--------------|---|
| 919021-0,5 | Deutsch DTM 2 poles | 0,5 | Packard Plug | 1 |
| 919021-1,5 | Deutsch DTM 2 poles | 1,5 | Packard Plug | 1 |
| 919080-0,5 | Superseal 3 poles | 0,5 | Packard Plug | 1 |
| 919079-0,5 | not cabled | 0,5 | Packard Plug | 1 |
| 919079-1,5 | not cabled | 1,5 | Packard Plug | 1 |
| 919079-3,0 | not cabled | 2,5 | Packard Plug | 1 |


■ ■ Attrezzi per cablaggio - ■ ■ Wiring tools



| Cod. | Description |  | Cod. | Description |  |
|--------|-----------------------------|---|-----------|---|---|
| 406363 | Wire Stripper | 1 | 406324 | Multi purpose pliers | 1 |
| 406364 | Wire cutter TR 25 | 1 | 406371 | TYCO Universal pliers | 1 |
| 406365 | Wire cutter TR 30 | 1 | 406368 | Pliers for Pre-insulated caps 0,25 - 6 mm ² | 1 |
| 406367 | Scissors | 1 | 406366 | Small pliers | 1 |
| 406436 | Manual hose clamp max. ø4,8 | 1 | 406438 | Universal Caliper X Tub.nudi And Preis 4 - 16 mm ² | 1 |
| | | | 406438.01 | Pinza Universale X Tub.nudi E Preis 0,5 - 4 mm ² | 1 |
| | | | 406439 | Pre Insulated Faston Universal Caliper HP3 | 1 |
| | | | 406808 | Pinza faston nudi a colletto 0,5-4 mm ² HF1 | 1 |
| | | | 406809 | Pinza faston nudi a colletto 0,1-1 HF2 | 1 |

■ ■ Accessori per Deutsch® - ■ ■ Deutsch® accessories



| Cod. | Deutsch ref. | Description | Serie |  |
|------------|--------------|-------------------------------|-------------------|---|
| 406125-DTM | | Extractor - Metal | DTM | 1 |
| 406125-DT | | Extractor - Metal | DT-HPD-DRC | 1 |
| 406125.02 | | Extractor - Plastic | | 1 |
| 406465 | HDT-48-00 | Crimp tool for solid contacts | DT-HDT | 1 |
| 406648 | | Kit Box Estrattori Deutsch | DT/DTM/DTP HD/HDP | 1 |
| 750239 | | Antiadesivo AL Polixioxane | | 1 |

406324
Pinza manuale multiuso
Hand crimp tool




406125
Estrattore contatti CPT/Mate-n-Lok
CPT/Mate-n-Lok contacts extractor



406125.01
Estrattore contatti ITT/Bumdy
ITT/Bumdy contacts extractor



406125.03
Estrattore conn Weather-Pac
Weather-Pac contacts extractor
406125.04
Estrattore contatti Superseal
Superseal contacts extractor



406303.01 **406303.02** **406303**



Set estrattori necessari per connettore Sicma - Sicma connector extractors set

406125.05
Estrattore contatti JPT
JPT contacts extractor



406125.06
Estrattore per micro timer
Micro timer extractor



■ Elettrovalvole

Caratteristiche tecniche:

- Cannaio a baionetta, sistema brevettato per una rapida ispezione manuale del pilota.
- Ferma bobina in gomma, anello elastico per il fissaggio della bobina senza attrezzatura.
- Lavorazioni meccaniche di alta precisione per garantire il minor grado di rugosità e limitare l'adesione del calcare.
- Alta resistenza alla corrosione grazie agli organi interni in acciaio inox a basso residuo magnetico, specifico per elettrovalvole.
- Temperatura di funzionamento da -10°C a +50°C;
- Temperatura dei fluidi da -10°C a +130°C;

Materiali utilizzati:

- Corpo in ottone CW617N (EN 12165)
- Organi interni in acciaio INOX
- Cannaio in acciaio INOX AISI 303 (EN 10088-3)
- Materiali tenuta in FPM (Viton), NBR, EPDM, silicone.

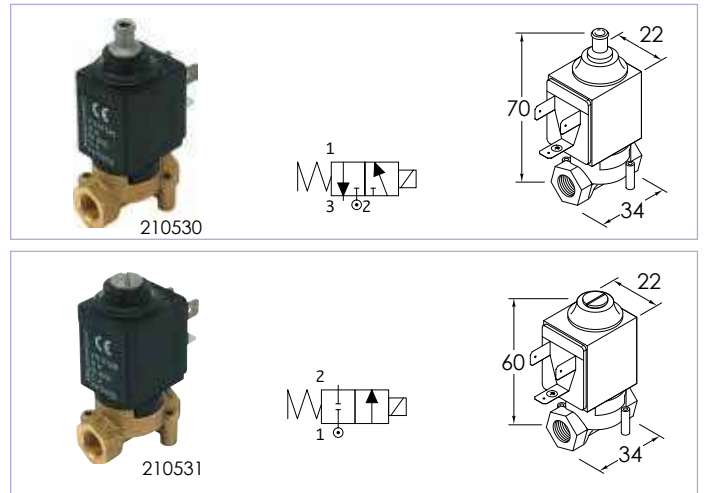
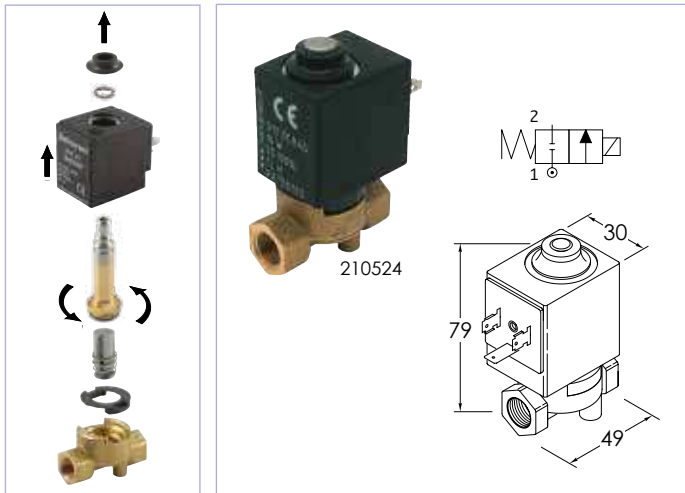
■ Solenoid valves

Specifications:

- Bayonet tube, patented system allowing quick manual inspection of the pilot.
- Rubber coil stop, elastic ring ensuring coil's fixing without tools.
- High precision mechanical machining to obtain the lowest rate of roughness to limit limestone adherence.
- High resistance to corrosion thanks to the inner stainless steel parts with low magnetic residue, specific for solenoid valves.
- Operating range from -10°C to 50°C;
- Fluids temperature from -10°C to 130°C;

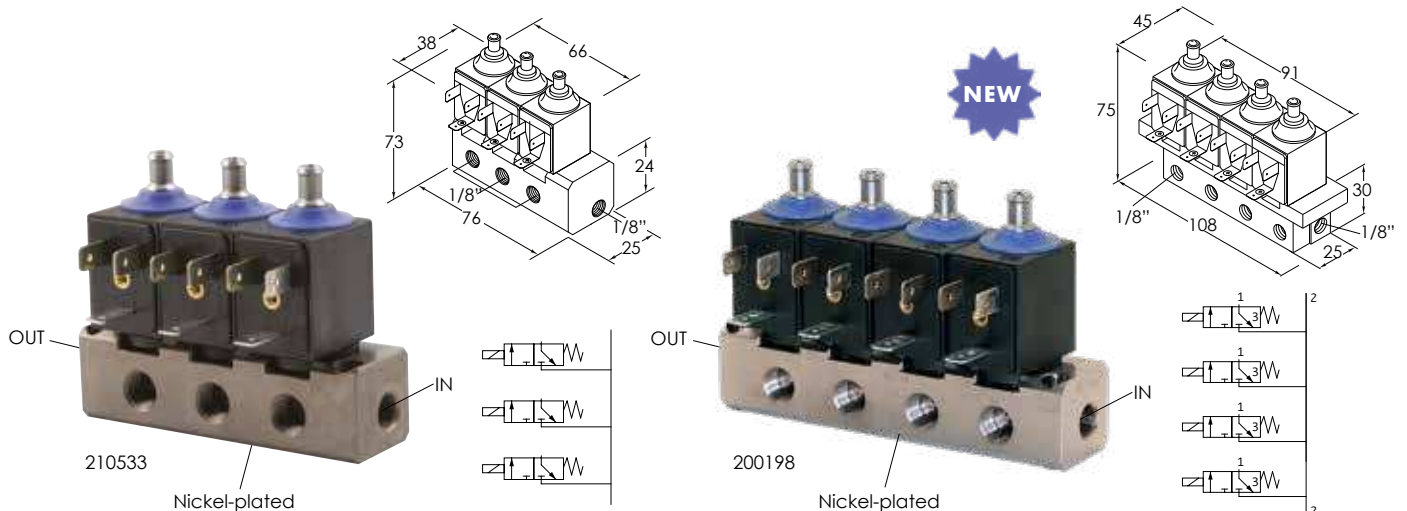
Materials used:

- Brass body CW617N (EN 12165)
- Stainless steel inner parts
- AISI 303 stainless steel tube (EN 10088-3)
- Seals in FPM (Viton), NBR, EPDM, silicone.



| Cod. | n° Outlet | Pressure (bar) | Q (l/min) | ø int. (mm) | Fittings | V (V dc) | P max (W) | |
|--------|-----------|----------------|-----------|-------------|----------|----------|-----------|---|
| 210524 | 2 | 0-8 | 4,5 | 3 | 1/4" | 12 | 16 | 5 |
| 210531 | 2 | 0-2 | 3,5 | 3 | 1/8" | 12 | 10 | 5 |
| 210537 | 2 | 0-8 | 4,5 | 3 | 1/4" | 24 | 16 | 5 |
| 210530 | 3 | 0-2 | 2,7 | 2,5 | 1/8" | 12 | 10 | 5 |
| 210532 | 3 | 0-8 | 1 | 1,5 | 1/8" | 12 | 10 | 5 |

■ Elettrovalvole a collettore - ■ Manifold solenoid valves



| Cod. | n° Outlet | Pressure (bar) | Q (l/min) | ø int. (mm) | Fittings | Material | Vdc | P max (W) | |
|--------|-----------|----------------|-----------|-------------|----------|---------------|-----|-----------|---|
| 210533 | 3 | 0-8 | 1,0 | 1,5 | 1/8" | Nickel-plated | 12 | 30 | 1 |
| 200198 | 4 | 0-8 | 1,0 | 1,5 | 1/8" | Nickel-plated | 12 | 40 | 1 |












■ Tubazioni in plastica

In PA12 (Rilsan), poliuretano e polietilene.

■ Plastic tubing




Made of PA12 (Rilsan), Polyurethane and Polyethylene.



| Cod. | Size (Out x In, mm) | Color | Material | Temp. Range (° C) | Max Work Pressure (atm) |  |
|---------|------------------------|---|---------------|----------------------|----------------------------|---|
| 230009 | 6 x 4 (3,8) |  | Polyurethane | -40 ÷ +60 | 11 | 100 m |
| 230023 | 6 x 4 (3,8) | Transparent | | | | |
| 230032 | 8 x 6 (5,7) |  | Polyurethane | -40 ÷ +60 | 8 | 100 m |
| 230026 | 8 x 6 (5,7) | Transparent | | | | |
| 230031 | 4 x 2 |  | PA12 (Rilsan) | -20 ÷ +80 | 38 | 100 m |
| 230006 | 6 x 4 |  | | | | |
| 230005 | 6 x 4 |  | | | | |
| 230028 | 6 x 4 |  | | | | |
| 230017 | 8 x 6 |  | PA12 (Rilsan) | -20 ÷ +80 | 24 | 100 m |
| 230024 | 8 x 6 |  | | | | |
| 927253H | 4 x 2 |  | Polyethylene | -10 ÷ +60 | 21 | 100 m |
| 230038 | 6 x 4 |  | | | | |

■ Tubazioni per liquidi - Plastic tubing suitable for liquids



| Cod. | Size (Out x In, mm) | Color | Material | Temp. Range (° C) | Max Work Pressure (atm) |  |
|--------|------------------------|---|----------|----------------------|----------------------------|---|
| 230039 | 16 x 10 | transparent | PVC | -10 ÷ +50 | 15 | 100 m |
| 230040 | 13 x 19 | | | | | |
| 230029 | 26 x 19 | | | | | |
| 230018 | 17 x 12/13 |  | PVC | - | 8 | 50 m |
| 230025 | 12 x 8 |  | PU | | 20 | 60 m |
| 230033 | 6x10 | transparent | Silicone | HW/55 | - | 100m |

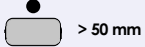





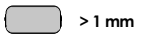





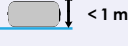
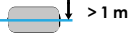
Gradi di protezione IP

IP Protection grades

EN60529



















Legenda

Legend

| Grado Grade | Solidi Solids | Grado Grade | Acqua Water |
|-------------|--|-------------|--|
| 1 |  > 50 mm | 1 |  |
| 2 |  > 12 mm | 2 |  ± 15° |
| 3 |  > 2,5 mm | 3 |  ± 60° |
| 4 |  > 1 mm | 4 |  |
| 5 |  | 5 |  |
| 6 |  | 6 |  Press |
| | | 7 |  < 1 m |
| | | 8 |  > 1 m |

Il valore dei gradi di protezione/IP indicati si riferiscono all'uso normale del prodotto. Vogliate contattarci per dettagli ulteriori.

The value of IP degrees of protection shown are for the normal use of the product. Please contact us for further details.

| | |
|--|--|
| # | Numero di contatti Contacts number |
| #P | Numero di contatti di potenza Power contacts number |
| #S | Numero di contatti segnale Signal contacts number |
| #∅ | Numero di fori Number of holes |
| L (mm) | Lunghezza (mm) Length (mm) |
|  | Quantità per confezione Quantity per package |
|  | Misura chiave di montaggio Spanner/wrench size |
|  | Funzioni Functions |
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|  | Adatto per interruttori a leva Suitable for lever switches |
|  | Adatto per interruttori a pulsante Suitable for push-button switches |
|  (5x20) | Adatto per/Fusibili in vetro 5 x 20 Suitable for/5 x 20 glass fuses |
|  (6x32) | Adatto per/Fusibili in vetro 6 x 32 Suitable for/6 x 32 glass fuses |
|  | Adatto per/Fusibili a nastro Suitable for/Tape fuses |
|  STD | Adatto per/Fusibili a lama standard 19,2 mm Suitable for/Standard 19,2 mm blade fuses |
|  MAXI | Adatto per/Fusibili a lama Maxi 29,2 mm Suitable for/Maxi 29,2 mm blade fuses |
|  MINI | Adatto per/Fusibili a lama Mini 11,2 mm Suitable for/Mini 11,2 mm blade fuses |
|  | Misura del pressacavo Cable grip size |
|  | Bobina Reel |
|  | Lunghezza in metri della matassa Henk lenght, in meters |
|  | Prodotti realizzati da Salvarani Products made by Salvarani |
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|  | Prodotti commerciali Commercial products |

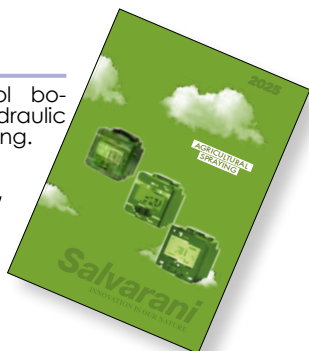
| Portata corrente per sezione del cavo Current rate per cable section | | |
|---|---|---|
| ∅ | A uso continui continuuous use | A uso interrotto interrupted use |
| 1 | 5 | 12 |
| 1,5 | 8 | 16 |
| 2,5 | 13 | 28 |
| 4 | 22 | 45 |
| 6 | 33 | 69 |
| 10 | 55 | 115 |
| | Caduta di tensione Fall of voltage < 1V | Caduta di tensione Fall of voltage < 2V |
| Cavo/Cable 5m - T.30°C | | |

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Salvarani



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Salvarani




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 SALVARANI joven y dinámica empresa, nace en el corazón de la Emilia, región italiana que honra una larga historia y experiencia en el campo de los componentes agrícolas e industriales.


SALVARANI ofrece a su propia clientela una gama completa de componentes y productos, ofreciendo también su propia experiencia para el desarrollo y realización de proyectos personalizados.


Innovación, tutela del ambiente, precisión de trabajo, confiabilidad del producto y asistencia son la línea guía para una búsqueda continua dirigida al mejoramiento y a la creación de nuevos productos. Esto se traduce en artículos de alto estándar tecnológico en grado de garantizar competitividad y ventajas económicas a las empresas constructoras, a las redes de venta y usuarios.

 Недавно созданная и активно действующая компания SALVARANI расположена в самом сердце Эмилии, итальянского региона с давней историей и традициями в производстве комплектующих для сельскохозяйственной и промышленной техники.

В этом секторе компания SALVARANI готова предложить полный ассортимент комплектующих и другой продукции, а также свой опыт разработки и реализации индивидуальных проектов.


Иновации, забота об окружающей среде, точность в работе, надежность продукции и поддержка — таковы руководящие принципы непрекращающегося поиска путей совершенствования существующих и создания новых изделий. Благодаря этому на свет появляются изделия высокого технологического уровня, способные составить достойную конкуренцию и дать экономические преимущества строительным предприятиям, сетям сбыта и конечным потребителям.

 意大利萨瓦拉尼有限责任公司，位于意大利工农业发达的Emilia地区，是一家年轻，充满活力但又充分秉承欧洲“自主创新”与“追求卓越”工业传统的公司。经过不断的发展与完善，意大利萨瓦拉尼有限责任公司已具备完整的产品体系，可供客户进行充分地选择。根据不同的市场需求反馈，公司依托本身丰富的开发，设计经验，不间断地进行新产品的开发和设计。

 SALVARANI, empresa jovem e dinâmica, está localizada no coração da Emilia, uma região italiana com uma longa história e experiência na área dos componentes agrícolas e industriais.

SALVARANI oferece a seus clientes uma gama completa de componentes e produtos, oferecendo também sua experiência para o desenvolvimento e a realização de projetos personalizados.

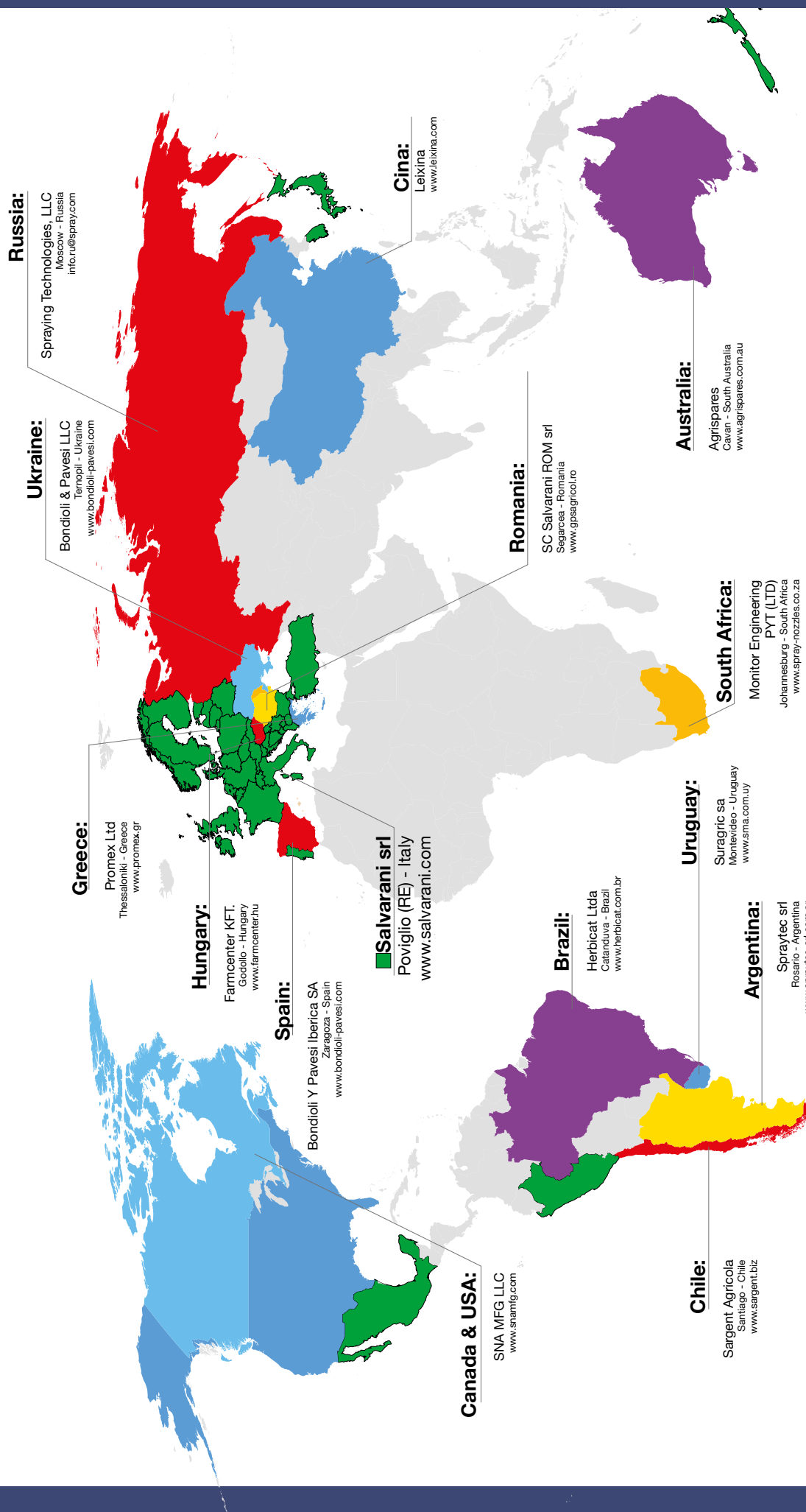
Inovação, proteção ambiental, precisão de trabalho, confiabilidade do produto e suporte são as orientações para uma contínua pesquisa que visa melhorar e criar novos produtos. Isso resulta em produtos de alto padrão tecnológico capazes de garantir competitividade e benefícios econômicos para as empresas fabricantes, as redes de venda e os usuários.

 Nem véletlen, hogy a SALVARANI, egy fiatal és dinamikus vállalat Emilia közepén található, az olasz régió közepén, mely hosszú történelemmel és nagy tapasztalattal rendelkezik a mezőgazdasági és ipari alkatrészek területén.

A SALVARANI teljes termékkört kínál a megrendelőinek, valamint specifikus tapasztalatot a testreszabott projektek kialakításában és megvalósításában.

Innováció, környezettudatosság, megmunkálás pontossága, termék megbízhatóság és támogatás a fő irányelvek az új termékek fejlesztése és létrehozása felé forduló folyamatos kutatásnál. Az ilyen erőfeszítésnek köszönhetően a SALVARANI termékek hangsúlyozott technológiai és mechanikai standardokkal készülnek, melyek garantálják a működési és gazdasági előnyöket a gyártók, kiskereskedelmi hálózatot és végfelhasználók számára.

Worldwide retailers





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