



COMPONENTS
12-24 Volt

Salvarani
Since 1983

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

Primo tracciafile prodotto in Italia



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 3 SEDI IN EUROPA:



- 🇮🇹 Salvarani s.r.l. Sede centrale Poviglio (Reggio Emilia), Italia
- 🇧🇪 AAMS Salvarani, Belgio
- 🇷🇴 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 3 offices in Europe:
Salvarani s.r.l. Head office in Poviglio (Reggio Emilia), Italy
AAMS-Salvarani in Belgium
Salvarani Rom in Romania



Oggi Salvarani è una dinamica realtà che offre una gamma completa di prodotti e componenti per macchine agricole e a lenta movimentazione.

Produzione banchi prova irroratrici

2006

2010

2012

2018

TODAY

Filiale produttiva in Romania

Acquisizione della società AAMS

Costruzione magazzino



I NOSTRI PRODOTTI



PRODOTTI

HI-TECH
Hi-tech products



SERVIZI

SPECIALIZZATI
Personalized services



PROGETTI

PERSONALIZZATI
Personalized projects

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

2020_V.02



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

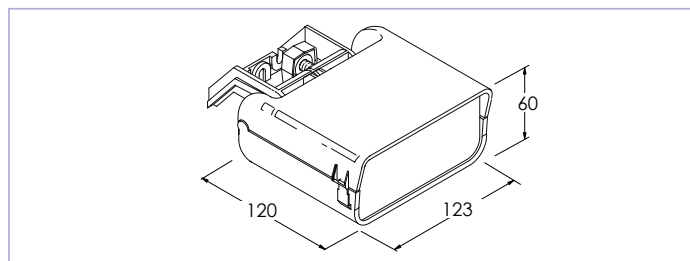
- Box for electric controls made in polyamide (PA6+30GF);
- 3 housings for blade fuses (located on the lower side);
- 2 cable passages with fastener (located on the rear side);
- swivel fixing support with 7 different adjusting corners;
- IP43 protection.

P50

760146



Fino a 3 fusibili
Up to 3 fuses



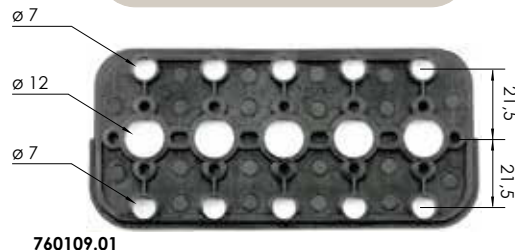
Cod.	Material	Color	IP Grade	
760105	Polyamide		IP43	10
760105-Y				10
760146	Fuse locking jumper			50

ET474

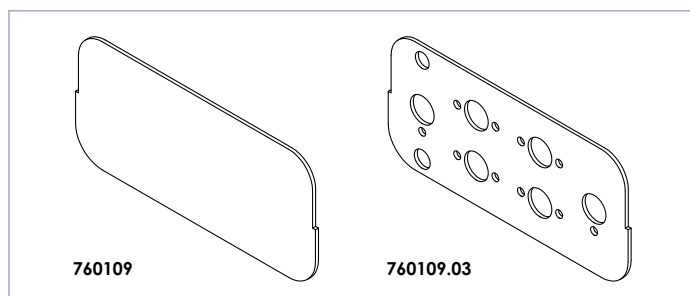


760109.05

ET475



760109.01



760109

760109.03

Cod.	Description	Material	#	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

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);

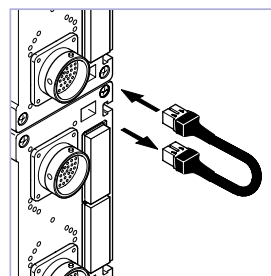
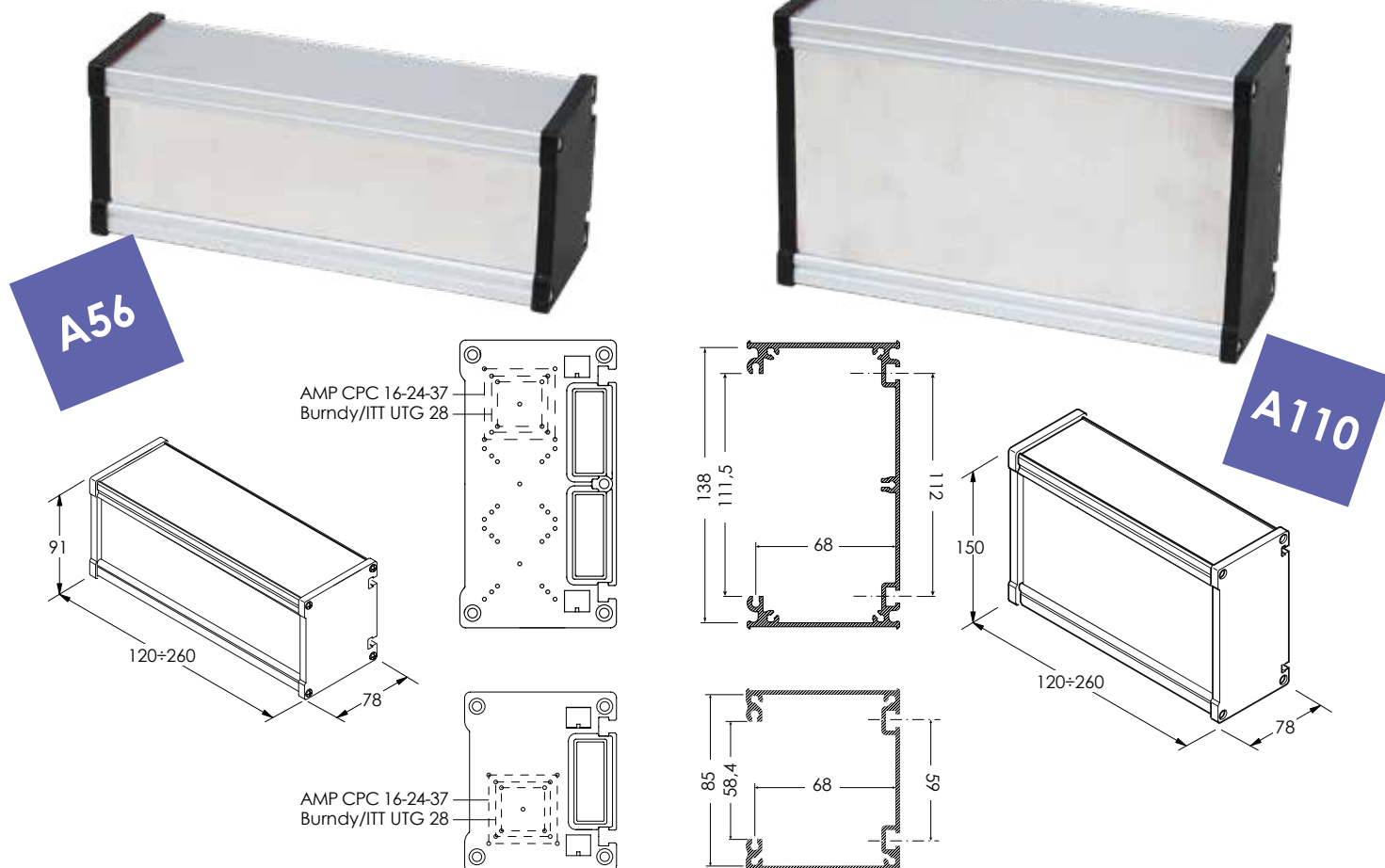
P54

Box A56 / A110

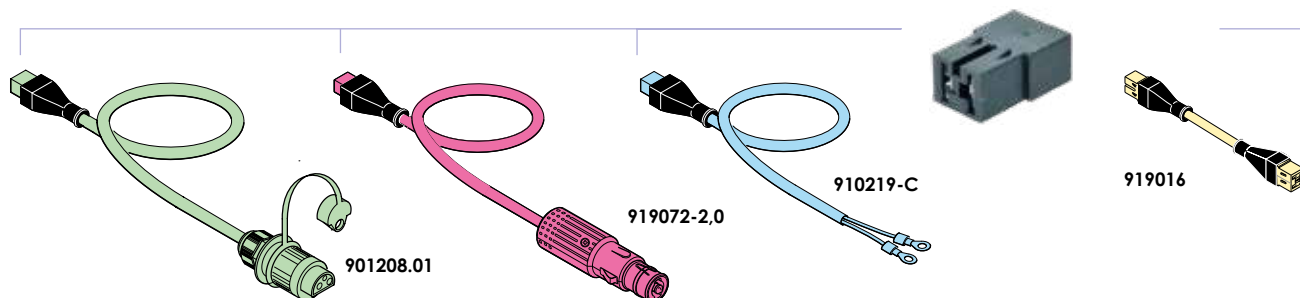
Aluminium profile available in various lengths.

- fuse board for blade fuses with starter relay for reverse polarity protection;
- feedthrough power;
- rear fixing guides;
- IP54 protection (versions with double lateral closing).

IP54



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

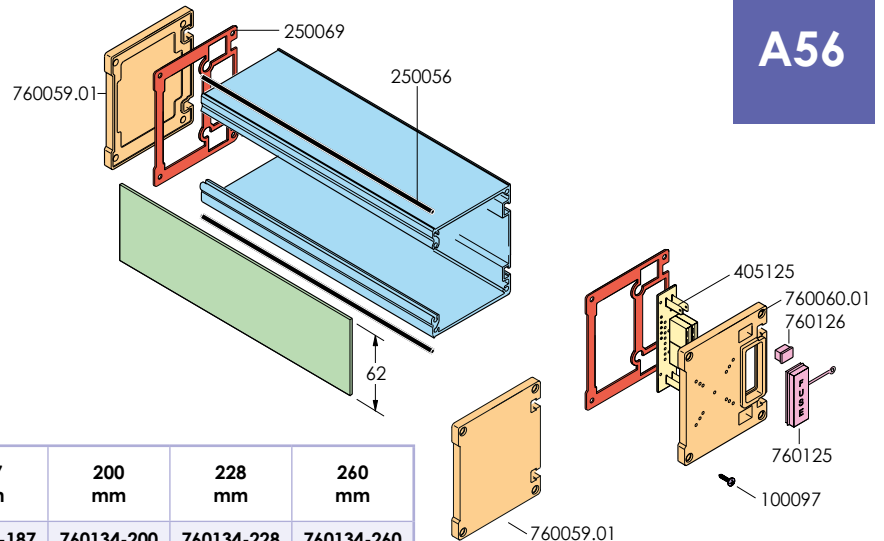


Cod.	Refer.	Wires Section (mm ²)	Connectors type	A	L (m)	
901208.01		2 x 2,5	25A plug	16A	2	1
919072-2.0		2 x 1,5	light up	10A	2	1
910219-C		2 x 2,5	not connected	16A	2	1
919016		2 x 2,5	female faston	16A	0,1	1

A56

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

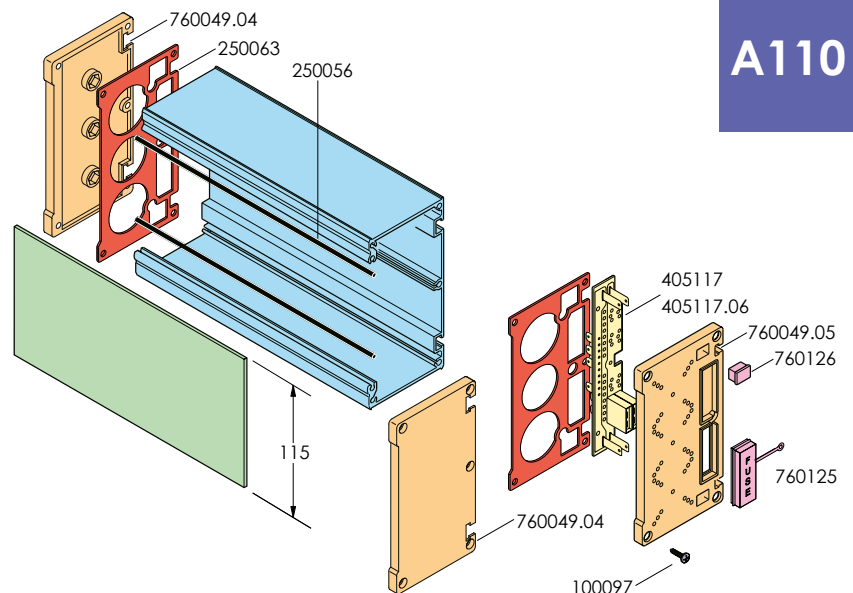
Ref.	90 mm	120 mm	160 mm	187 mm	200 mm	228 mm	260 mm
	760134-90	760134-120	760134-160	760134-187	760134-200	760134-228	760134-260
	-	760138-120	760138-160	760138-187	-	760138-228	760138-260



A110

Cod.	Refer.	
250063		2
250056		mt.
405117		1
405117.06		1
760049.04		1
760049.05		1
100097		10
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



Schede Alimentazione

- 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.

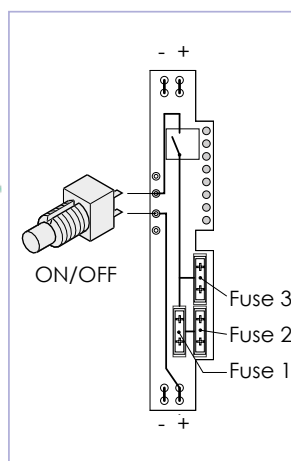
Predisposizione per collegamento esterno di un pulsante di accensione generale ON/OFF.



Power boards

- 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.

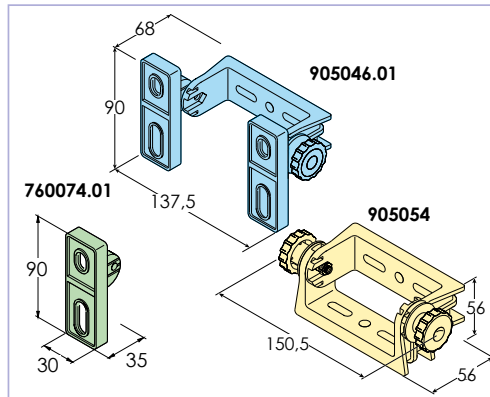


Cod.	Box	n° STD	Relais Relè	A
405125	A56	2	•	25
405117.06	A110	3	•	25

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

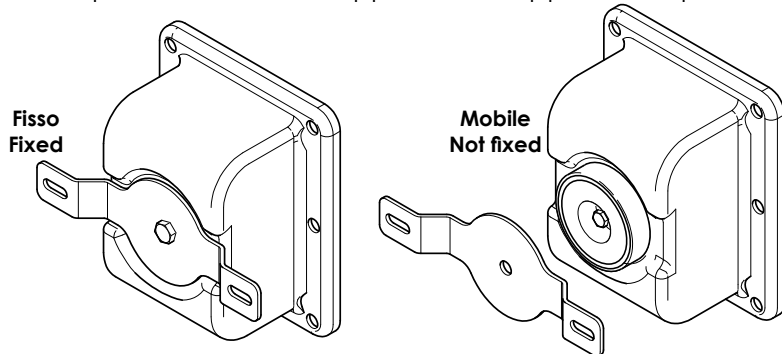


Magneti per fissaggio box - Magnets for box fixing

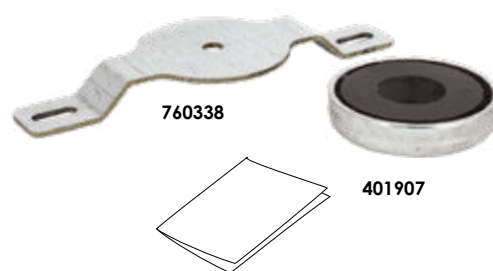


Cod.	Kg MAX	 ø (mm)	 ø (mm)	 h (mm)	
401906	7	45	4,5	10	1
401907	13	55	6,5	11	1
401908	22	71	10,5	15	1
760339	Box fixing kit				1

Esempi di utilizzo del kit supporto - Kit support example use

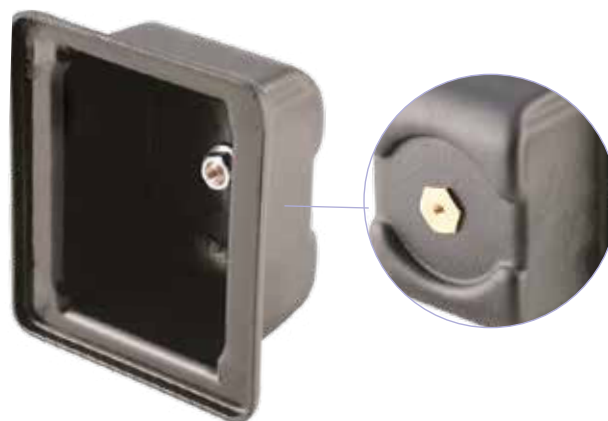
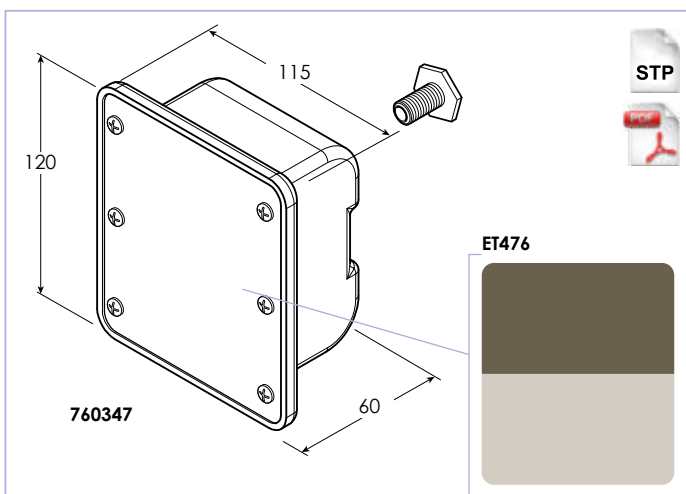


Kit 760339



Box ABS 115x120

IP65



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

Supporto metallico RAM-B - RAM-B Mount metal support

Cod.	Model	Size	Combine
760418 906452	Supporto attacco RAM Box P90 Kit Supporto RAM	B	P90 P190
760213	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	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		M6	B	24,5mm 1"	M6
760213.02		M5	B	24,5mm 1"	Piano
760416			B	24,5mm 1"	Tubo
760213.01			B	24,5mm 1"	Morsetto
760415			B	24,5mm 1"	Vetro
760260.02			C	38mm 1,5"	Piano
760260.01			C	38mm 1,5"	Morsetto



905046.01



401908_ø71

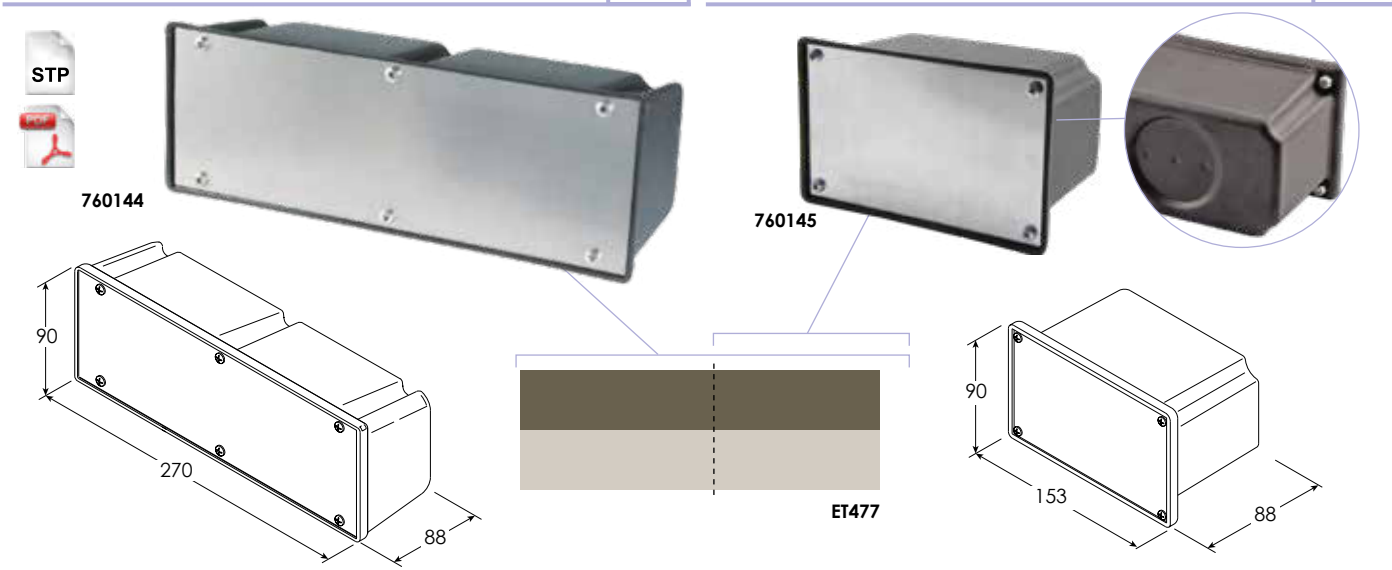


ABS Box 270x90

IP64

ABS Box 150x90

IP64

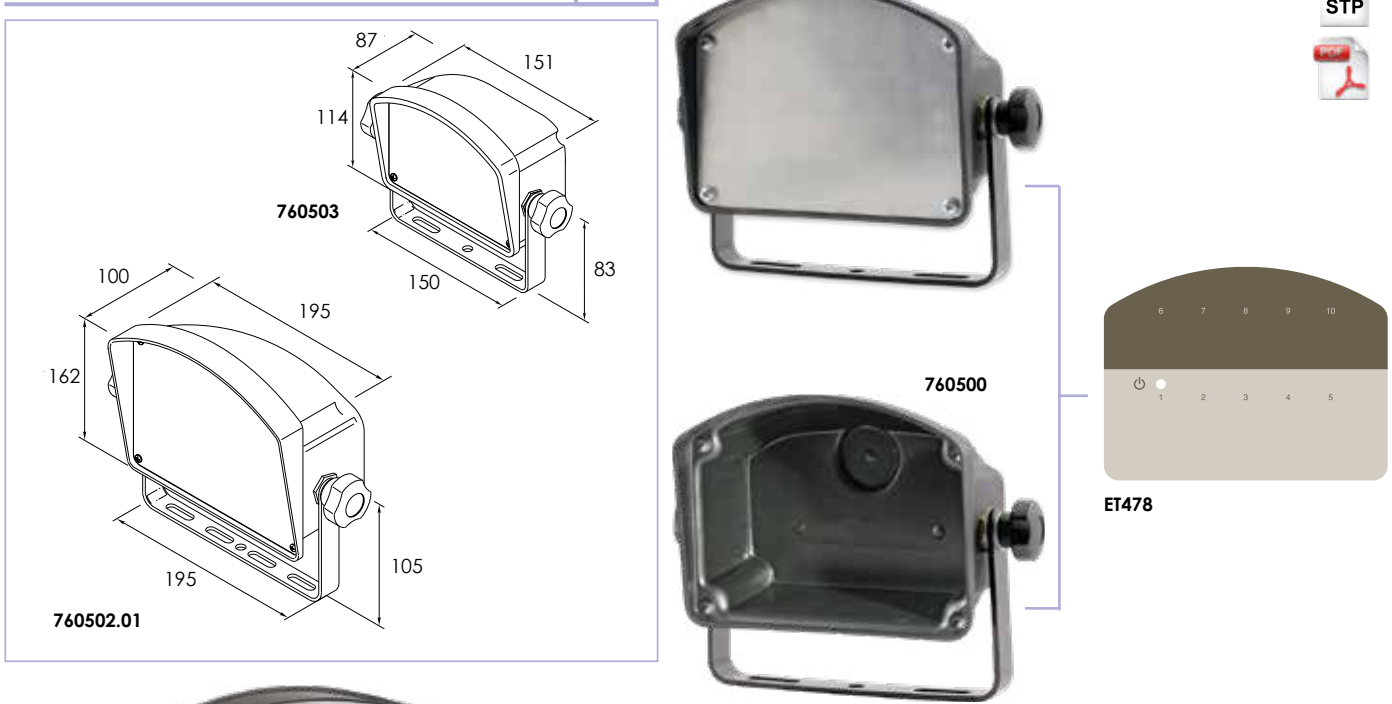


Cod.	Description	Material	# Ø	# LED	IP Grade	
760144	Kit Box P270	ABS			IP64	1

Cod.	Description	Material	# Ø	IP Grade	
760145	Kit Box P150	ABS		IP64	1

Box ABS P140-P180

IP54

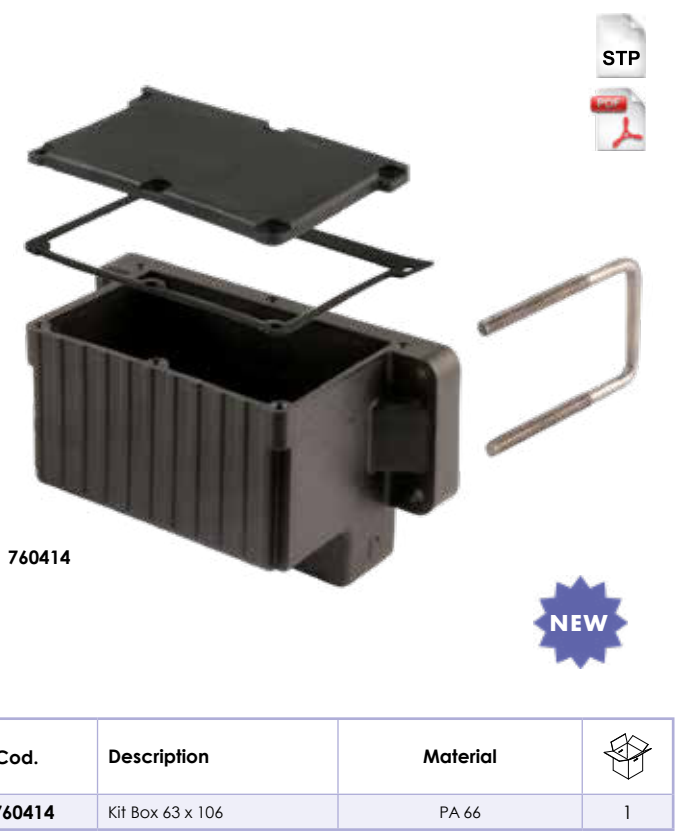
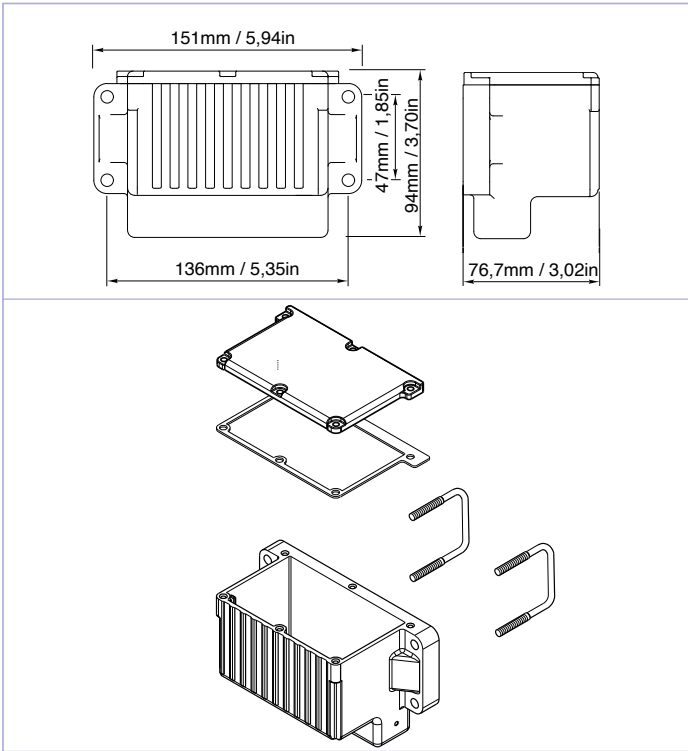


Cod.	Description	Material	# Ø	IP Grade	
760500	Kit box P140	ABS		IP54	1
760503	Kit box P140 w/ support	ABS		IP54	1
760218	Aluminium panel w/o holes	Aluminium	-		1
760220	Aluminium panel w/ holes	Aluminium	10		1
ET478	Sticker w/ 1-10 numbering				1
760502.01	Kit box P180 w/ support	ABS		IP54	1

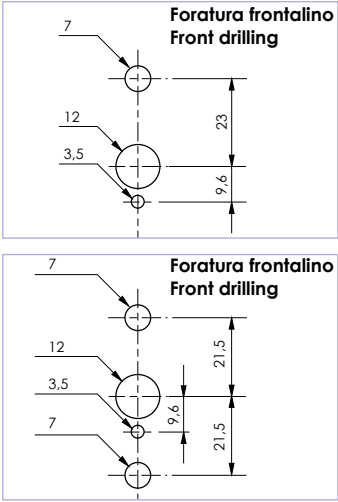
P 63 x 106

IP65

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



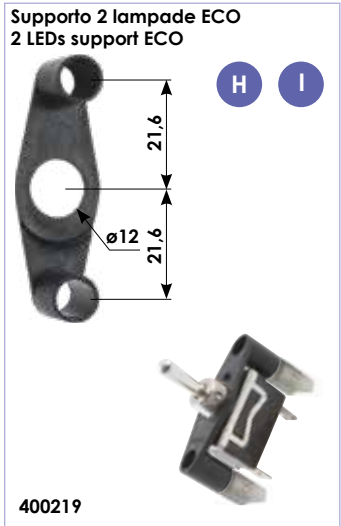
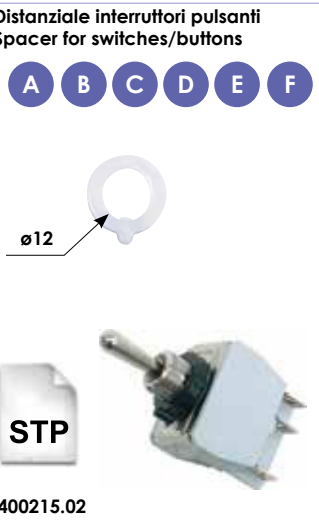
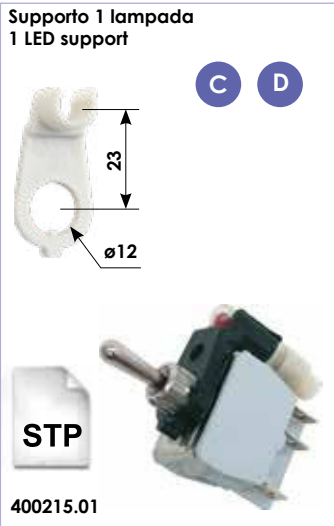
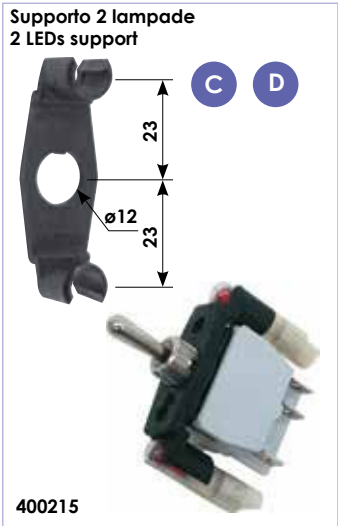
Cod.	Description	Material	
760414	Kit Box 63 x 106	PA 66	1



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



Bracciolo Full - Armrest Full



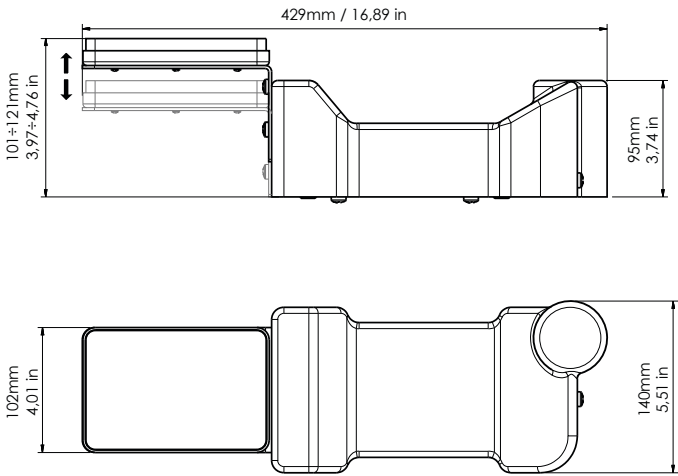
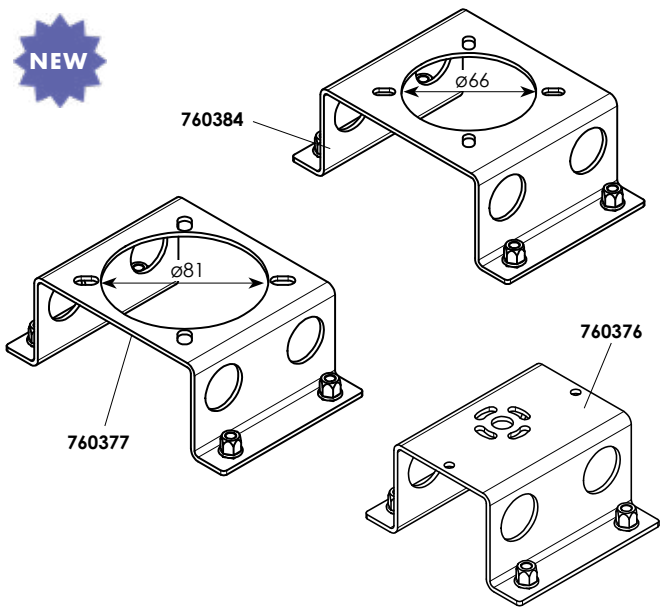
Soluzione ergonomica per il comando di sistemi elettroidraulici. Possibilità di integrare joystick con base mobile a doppio asse. Varie configurazioni realizzabili.



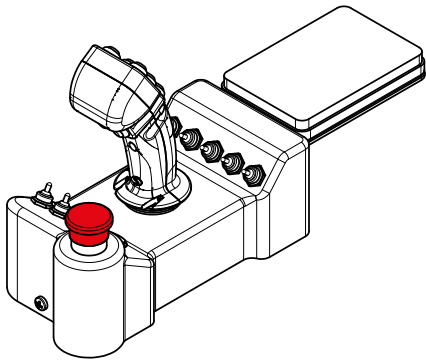
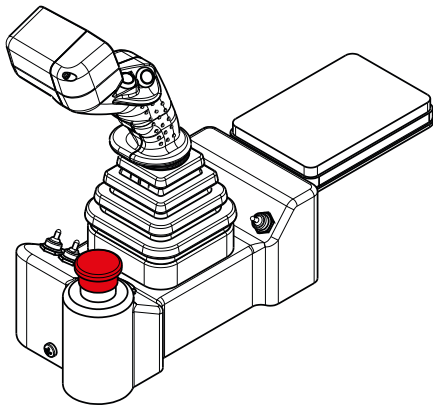
Ergonomic solution to control electrohydraulic systems. Possibility to integrate 2-axes joystick handles. Various configurations possible.

Nota: 760376 necessario solo in caso di montaggio joystick.

Note: 760376/760377 needed only when mounting joysticks.



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



Esempi di assemblaggio - Assembly examples

Bracciolo Slim - Armrest Slim

Soluzione ergonomica per il comando di sistemi elettroidraulici. Varie configurazioni realizzabili.

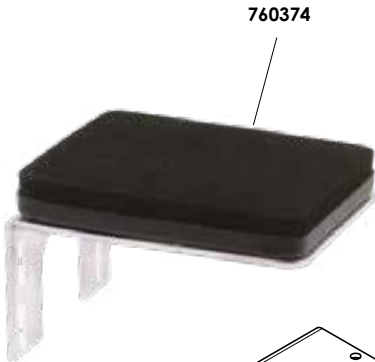
Ergonomic solution to control electrohydraulic systems. Various configurations possible.

Nota: 760376 necessario solo in caso di montaggio joystick.

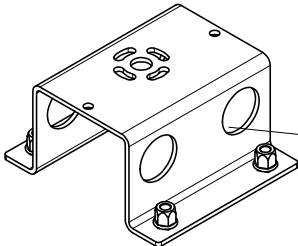
Note: 760376 needed only when mounting joystick.



760371



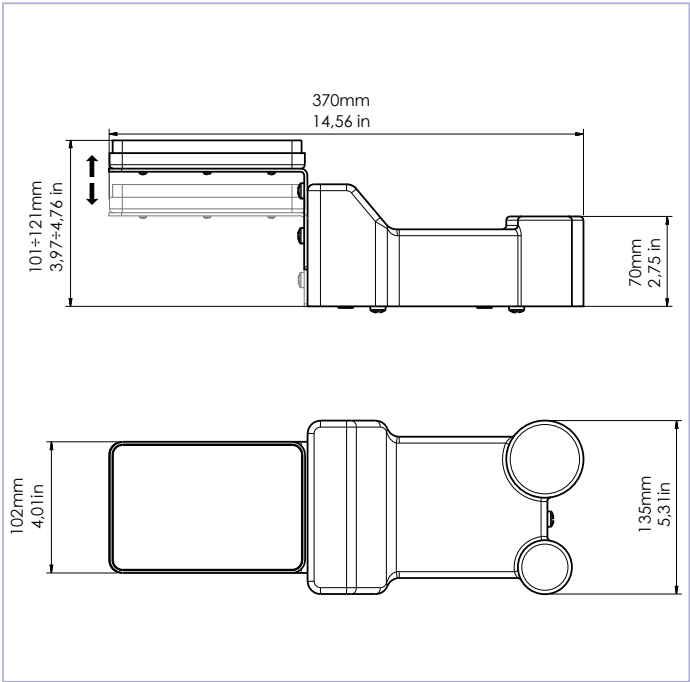
760374



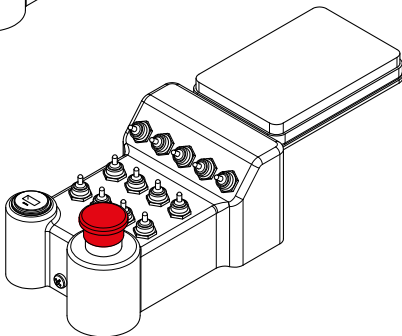
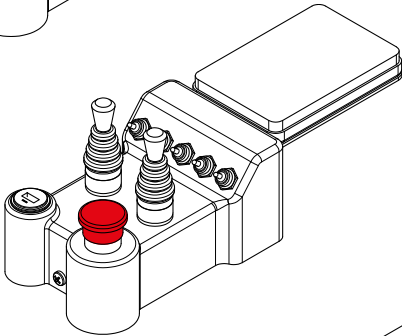
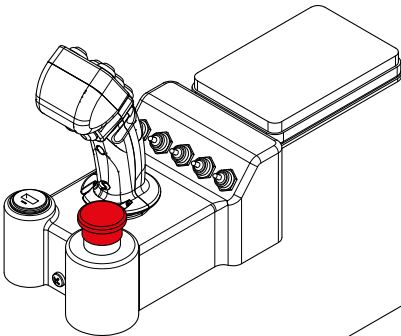
760376



760369



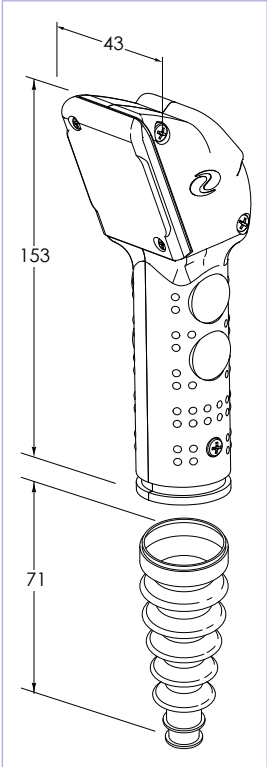
Cod.	Description	Material	
760369	Armrest closing plate	Aluminum	1
760371	Armrest carter	ABS	1
760374	Back plate + Padding	Aluminum/ABS/EPDM	1
760376	Joystick support plate	Aluminum	1



Esempi di assemblaggio - Assembly examples

Joystick CN 4+4

IP43

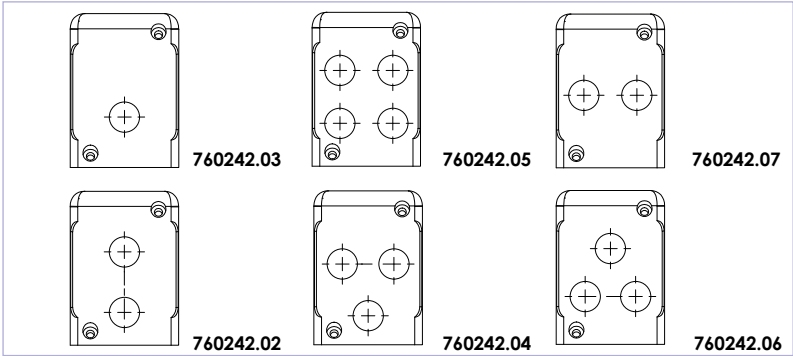


Frontalini senza foratura con predisposizione fino a 4 fori $\varnothing 12$. Front panels without holes suitable for up to 4 holes $\varnothing 12$.

760242.01 Frontalino con foratura rettangolare per interruttori tipo K. 760242.01 Front panel with rectangular hole for switches type K.

Dimensione spacco 22 x 29,80. Hole size 22x29,80. Joystick suitable for up to 4 holes $\varnothing 12$.

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

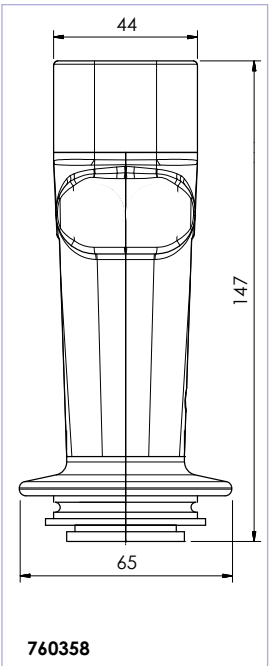


Cod.	Description	Material	#	IP Grade	
760236	Kit joystick 4	Polyamide			1
760238	Bellow for joystick 4	Nitrile rubber		IP43	1
760242	Front panel flat w/o holes	Polyamide	-		1
760242.01	Front panel w/ rectangular hole	Polyamide	-		1
760242.02	Front panel w/ holes	Polyamide	2		1
760242.03	Front panel w/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

Esempi delle configurazioni disponibili
Examples of possible configurations

Joystick CN 4+2

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

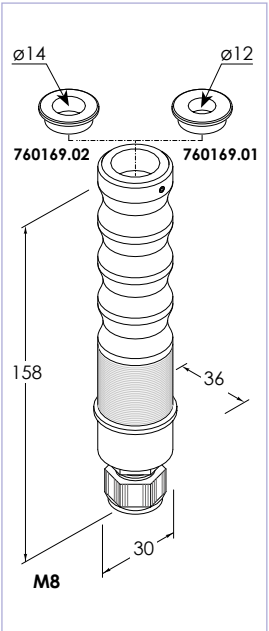
Joystick 1

IP43



Impugnatura per interruttore tipo A-B-F-M dotato di supporto ad anello per fissaggio in cabina.

Handle for switch type A-B-F-M with ring support for cabin mounting.



Cod.	Description	Body Material	IP Grade	
760179	Kit joystick 1 handle w/ cable grip	Polyoximethylene	IP43	1
760169.01	Flange for button/switch	Polyoximethylene		1
760169.02	Flange for "Otto" buttons	Polyoximethylene		1

Joystick DX 6+2

IP41



Joystick con 6 fori nel frontale e 2 nell'impugnatura, ø13. Joystick with 6 holes in the front panel and 2 in the handle, ø13.

Int. #	Front Panel	Int. #	Handle
A/B 6		G 2	
E/F 6		G 2	
G 6		G 2	

Esempi delle configurazioni disponibili
Examples of possible configurations

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

Accessori Joystick - Joystick Accessories

Porta adesivi.
Supporti lunghi/corti. Ver-
sione in acciaio per una
resa migliore su basi mo-
bili idrauliche.

Sticker holder.
Short / long supports.
Stainless steel version for
better performances on
mobile hydraulic bases.

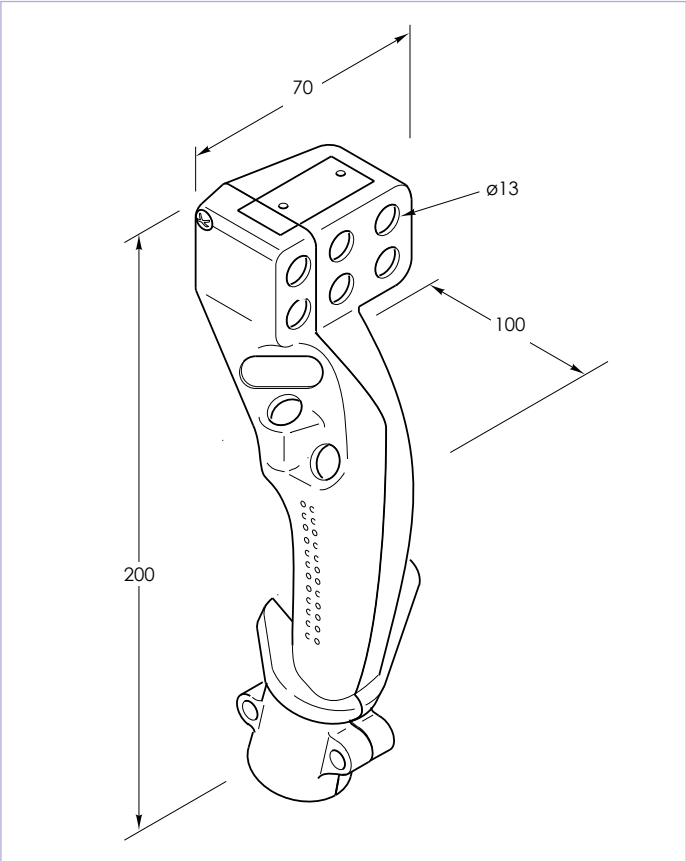


400024



921004 dettaglio / detail

Cod.	Description	
400024	Snap cap D.12,7	50
921004.01	Kit sticker holder	1



Joystick DX 4+2

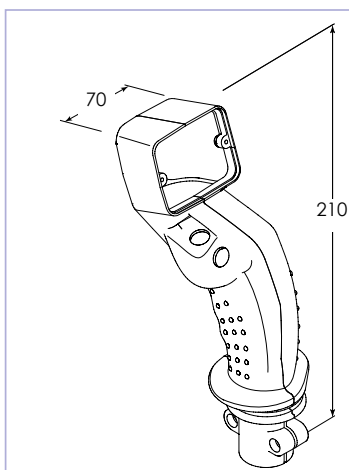
IP41

 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.

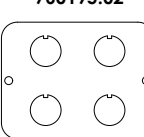
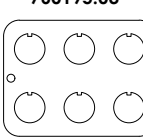
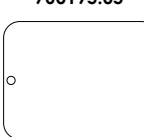
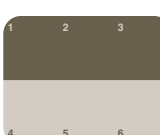


Int. # Ø	Front Panel	Int. # Ø	Handle
A/B 6		G 2	
E/F 6		G 2	

Esempi delle configurazioni disponibili
Examples of possible configurations

Cod.	Description	Material	# Ø	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				



760195.02	760195.03	760195.05
		
		Versione non forata No-holes version
Adhesive for panel ET223.01	Adhesive for panel ET223.03	
		

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	UNF7/8	1

Joystick DX 8+2

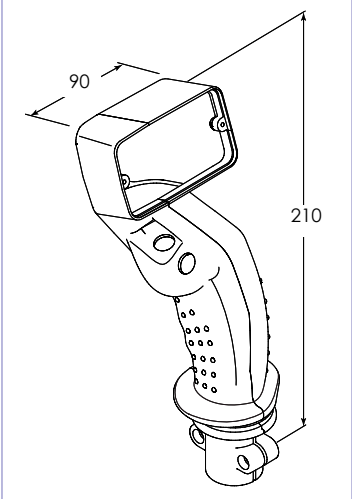
IP41

Joystick con predisposizione per 2 fori ø12.

Frontalini abbinabili con 8 o 11 fori, ø12.

Joystick suitable for 2 holes ø12.

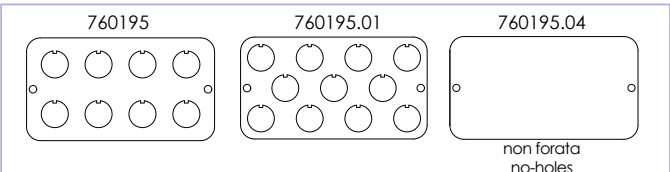
Combinable front panels with 8 or 11 holes, ø12.



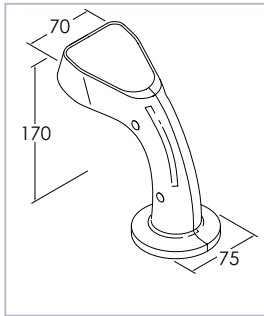
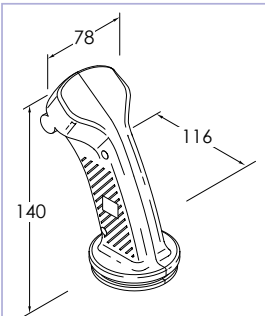
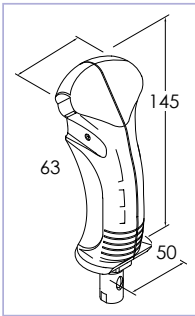
Int. #	Front Panel	Int. #	Handle
A/B 8		G 2	
E/F 8		G 2	

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		1
760195.01	Front panel w/ holes		11		
760195.04	Front panel w/o holes		-		
ET223	Sticker w/ 1-8 numbering				1
ET223.02	Sticker w/o numbering				



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

IP66

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

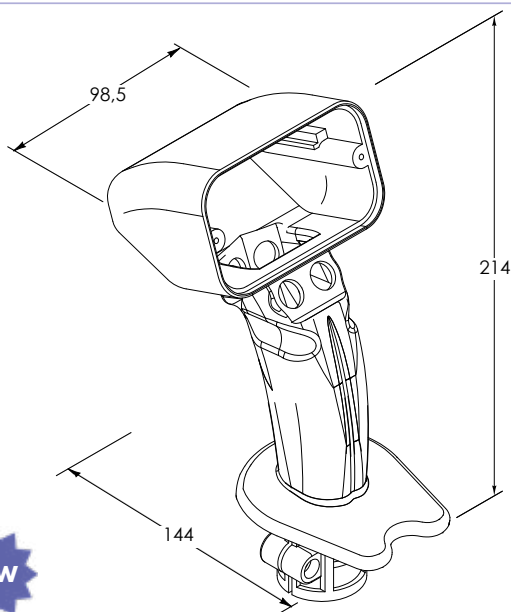
Joystick with 2 holes on the front side of the handle, suitable for 2 holes on the rear side, ø12.

Combinabili front panels with 8 or 11 holes, ø12.

Frontalini abbinabili con 8 o 11 fori, ø12.



400024



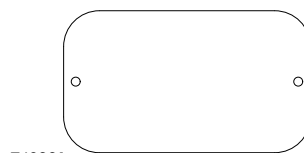
760330-Kit



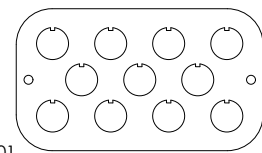
Foratura posteriore opzionale
Optional Rear drilling



Foratura standard
Standard drilling



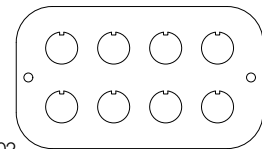
760331



760331.01



ET479



760331.02

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

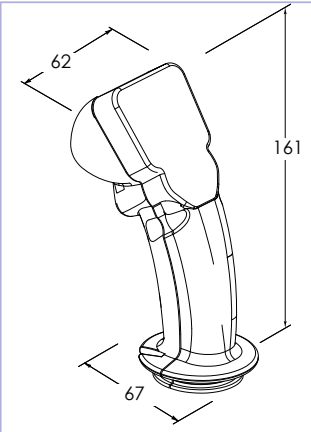
Esempi delle configurazioni disponibili
Examples of possible configurations

Cod.	Description	Material	#Ø	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

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	#Ø	IP Grade	
760357	Kit joystick 7+2	Polyamide		IP66	1

Int. #Ø	Front Panel	Int. #Ø	Handle
G 7		G 2	

Esempi delle configurazioni disponibili Examples of possible configurations



760357-Kit



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. #Ø	Front Panel	Int. #Ø	Handle
A/B/C/D 1		G 1	
E/F 1		K 1	

Esempi delle configurazioni disponibili Examples of possible configurations

Cod.	Description	Material	#Ø	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

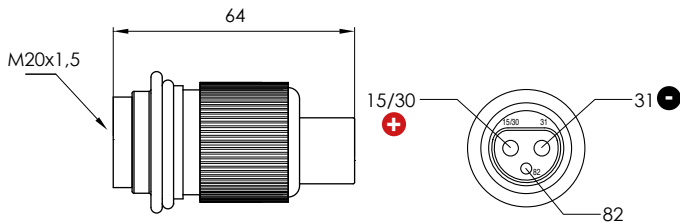


Spine 3 poli 25A 25A 3-poles plugs



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

Evoluzione della Spina 25A con connessione a norma ISO 12369 standard sui trattori e indicazione di funzionamento.

Fornito con guscio in plastica trasparente, è provvisto di LED per segnalare il corretto funzionamento: luce verde regolare, luce rossa difettoso.

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.

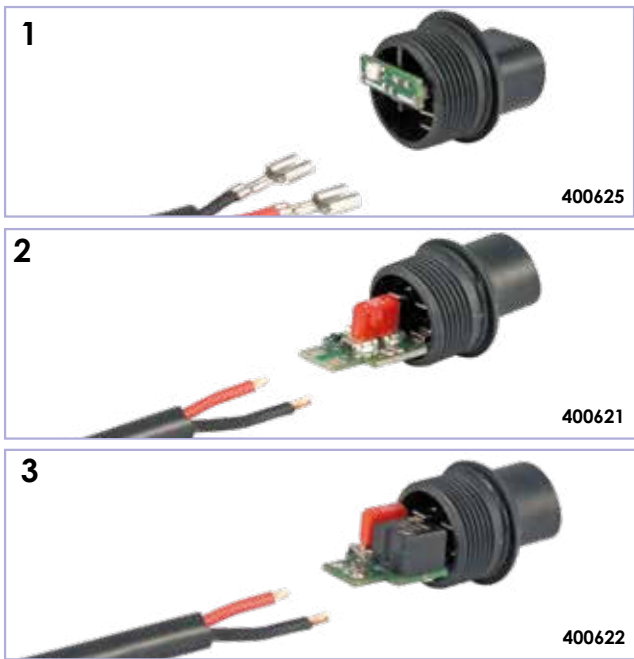
Further development of the 25A plug, following ISO standard 12369 on tractors plugs.

Transparent plastic body with LED to signal the correct functioning, green light: OK, red light: defect.

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.

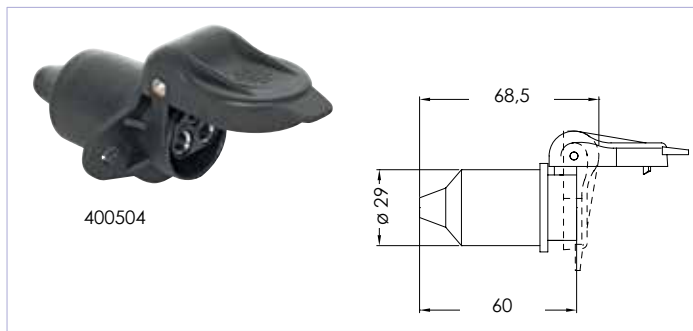


	Cod.	Description	LED		V	A	Fuse	
1	400625	3 poles Plug with LED 12V	Inverse	✓	12 VDC	25	-	10
2	400621	3 poles Plug with LED + Fuse 12V	Fuse	✓	12 VDC	10	10	10
3	400622	3 poles Plug with LED / Relè / Fuse	Fuse	✓	12 VDC	10	10	10

Prese 3 poli 25A -

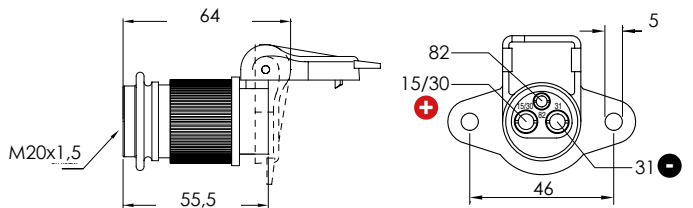
25A 3-poles sockets

ISO 12369




Presa utilizzabile in modalit  mobile o fissa, connessione a norma ISO 12369, 12/24V, 25A. Faston 6,3 inclusi nella versione blister.


Socket to be used both mobile or fixed, connection according to ISO 12369, 12/24V, 25A. Blister version includes 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

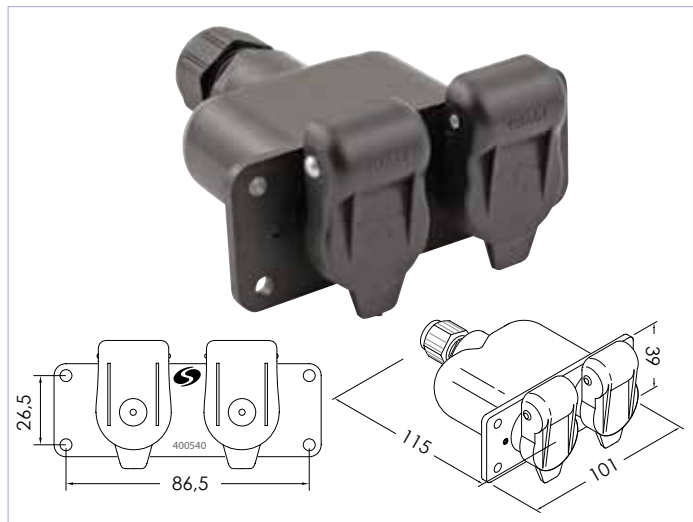


BL-400540

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


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.

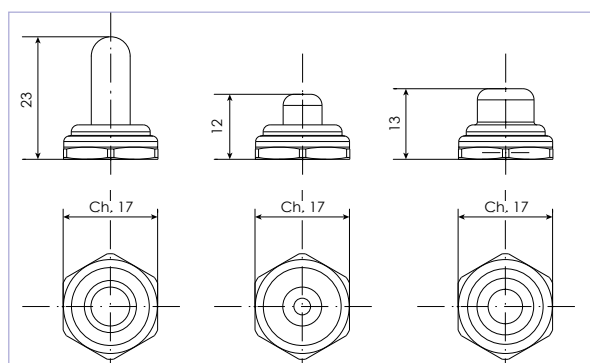


Capucci in silicone per interruttori e pulsanti IP66

Cappucci 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.

Silicone caps for switches and buttons IP66

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.

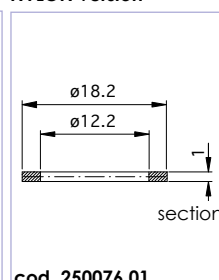


E' consigliato spruzzare del lubrificante tipo SP 7 ADESIL (antiadesivo al polixiloxane) all'interno dei cappucci, prima del montaggio, per ridurre gli attriti ed evitare la rottura degli stessi.

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

750239

NYLON version



cod. 250076.01

NBR Washer version



cod. 250076 - Shore A: 75

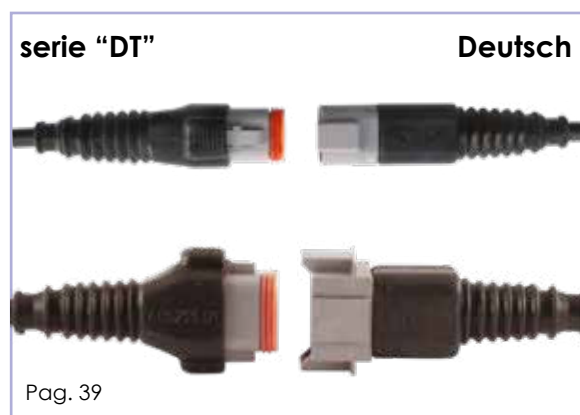
Material	IP Grade	UV Resistance	T° Min-Max	Flexibility	Mechanical resistance
Silicone (our choice)	IP66	++	-55 +180 °C	++	-
Fluorosilicone	IP66	++	-45 +180 °C	++	+
Neoprene	IP66	-	-35 +100 °C	-	++



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
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

■ 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.	Cable ø 5,5 - Sleeving ø 7	2	10
406183.01	Deutsch M.p.F.	Cable ø 6 - Sleeving ø 7	3	10
406184.01	Deutsch F.p.M.	Cable ø 6 - Sleeving ø 7	3	10
406210.01	Deutsch M.p.F.	Cable ø 6,8 - Sleeving ø 10	4	10
406297.01	Deutsch F.p.M.	Cable ø 6,8 - Sleeving ø 10	4	10
406202.01	Deutsch M.p.F.	Cable ø 9 - Sleeving ø 11,5	6	10
406203.01	Deutsch F.p.M.	Cable ø 9 - Sleeving ø 11,5	6	10
406211.01	Deutsch M.p.F.	Cable ø 9,5 - Sleeving ø 11	8	10
406301.01	Deutsch F.p.M.	Cable ø 9,5 - Sleeving ø 11	8	10
406187.01	Deutsch M.p.F.	Cable ø 10,5 - Sleeving ø 12	12	10
406188.01	Deutsch F.p.M.	Cable ø 10,5 - Sleeving ø 12	12	10
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
406499	Tyco Mate-n-lok	Cable ø 14 mm	12	10
406243.02	SICMA FCI	Cable ø max 25 mm	24	25
406243.03	SICMA FCI	Cable ø 16÷21 mm	24	25
406305	Fastin-Faston	Cable ø 7÷10 mm	2	100
406306	Fastin-Faston	Cable ø 7÷10 mm	4	100
406496	ITT 24 POLI M.p.F.	Cable ø 14,5÷18 mm	24	10
406497	ITT 24 POLI M.p.F.	Cable ø 14,5÷18 mm	24	10
406497.01	ITT 24 POLI M.p.F.	Cable ø 21÷26 mm	24	10

■ Accessori per Connettori per Elettrovalvole

■ Accessories for solenoid valves connectors



■ Calotta Serracavo ■ Cable gland backshell

- Calotta in tecnopolimero caricato vetro;
- temperatura di impiego da -30°C a +125°C;
- buone/ottime proprietà meccaniche;

Pag. 47 **Souriau**

- glass-filled polymer backshell
- operating range from -30°C to 125°C
- excellent mechanical features;



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

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
406078.03	Souriau/ITT serie UTG	PG 21	13÷18	70	28	1

Blister



BL-400554



BL-400504



BL-400625



BL-400622



BL-400621



BL-400540



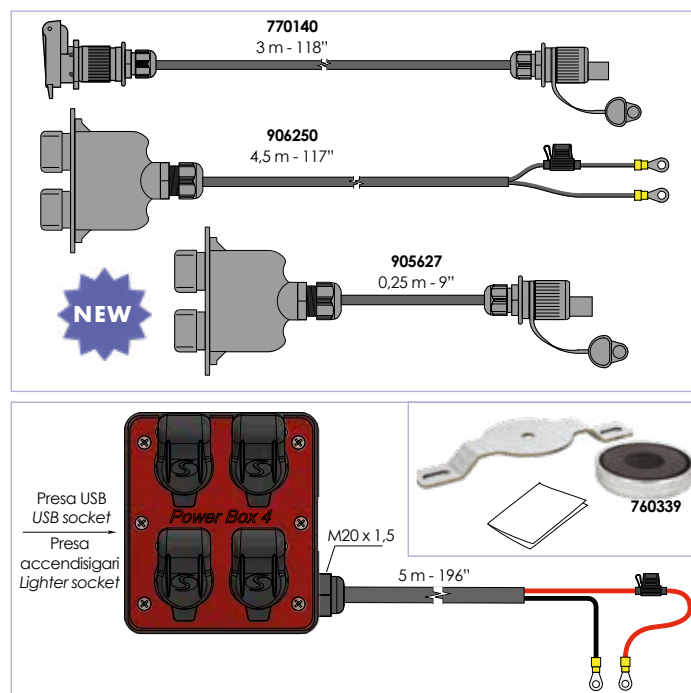
BL-406105

Cod.	Description	LED		V	A	Fuse	
		Red	Green				
BL-400554	Kit blister 3-poles plug w/ cable gland M20x1,5	/	/	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	15		1

Power Box

 Multiple sockets and power cables, specific to connect several 12V devices in tractor cabin. 40A protection fuse for versions with direct connection to the battery.

 Multiprese e cavi alimentazione. Specifici per collegare più dispositivi a 12 Volt in cabina delle trattori. 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.



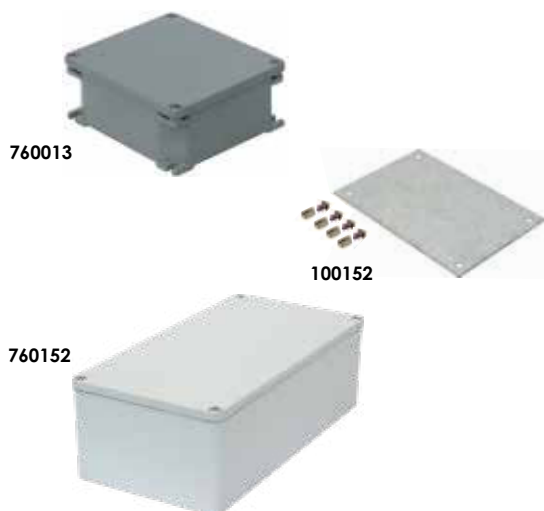
Cod.	Model	Functions	Box / Cable	Fuse	L (m) L (in)		25A	USB	Acc.	A
770140	Cavo alimentazione - 1 - 3,0	1	cable	-	3	118"	1			25
906250	Cavo alimentazione - 2 - 4,5	2	cable	40 A	4,5	117"	2			40
905627	Cavo alimentazione 1/2 - 2 - 0,25	2	cable	-	0,25	9"	2			25
906390	Kit Power Box 4-USB	4	ABS box	40A	5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

Cassette in alluminio verniciate in grigio IP66

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

Grey coated aluminium boxes IP66

Die-cast aluminium boxes with screws, seals and lids, IP66 protection (CEI EN 60529). Heat cured coating 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
760013	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

Valvola di sfato

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

Air-hole valve IP66

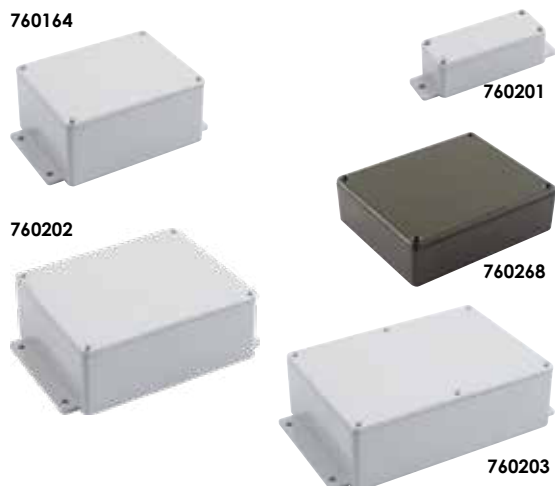
Compensation elements which provide a good ventilation in the boxes avoiding condensation.



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

Cassette 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

Cassette in plastica

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

IP65

Plastic boxes

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

IP65


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	105 x 70 x 74	without hole	-	IP65	1
760010.04		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

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	 (mm)	 (mm)	 (mm)		
400026		400027		400034		M12x1,5	4 ÷ 7	7	12	15	50
400028		400029		400035		M16x1,5	6 ÷ 10	7,5	16	19	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

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
400487	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
400486	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	•		
401517.01	LED		12 VDC		•	50
401516.01	LED		12 VDC		•	50
401516.01-24V	LED		24 VDC		•	50

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

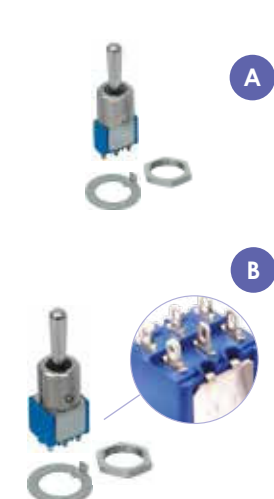
Cod.	APEM ref.		Poles	L (mm)	A	V	Connection Type	
400432.01	646.L40	ON-ON	2	40	15	250 VAC	6 x Faston 6,3	15

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
400623	1631	ON-OFF	1	12	4	30 VDC	2 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	647H/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

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

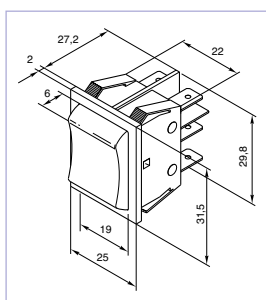
Cod.		Poles	L (mm)	A	V	Connection Type	
400407.01	ON-OFF-ON	2	17,5	10	250 VAC	6 x Faston 6,3	25
400403.01	MOM-OFF-MOM	2	17,5	10	250 VAC	6 x Faston 6,3	25
400432.02	ON-ON	2	17,5	10	250 VAC	6 x Faston 6,3	25

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



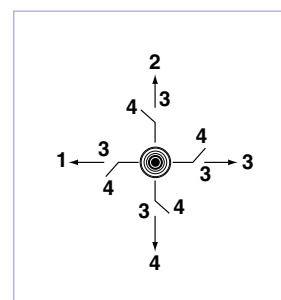
Cod.		Color	A	V	Connection Type	
400469.02	OFF-MOM	Black	4	250	2 x Faston 6,3	40
400530	OFF-MOM	Green	0,4	250	solder	40

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



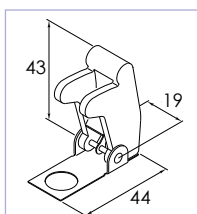
Cod.		Poles	A	V	Conn. Type	IP Grade	
400584	MOM-OFF-MOM	2	16	250 VAC	6 x Faston 6,3	IP40	10
400584-F	MOM-OFF-MOM	2	16	250 VAC	6 x Faston 6,3	IP40	10

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



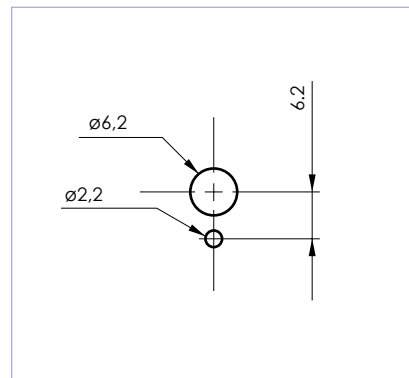
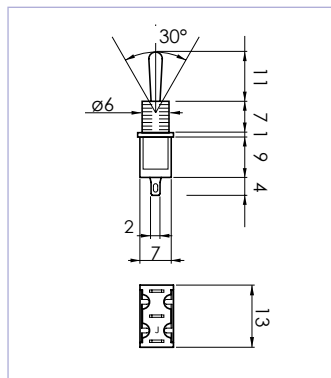
Cod.	Cod. Apem		A	V	Conn. Type	IP Grade	
400402	1D16J1500	1 x MOM	6 A	250 VAC	12 x solder	IP67	1
400422	1D15D1500	-	6 A	250 VAC	12 x solder	IP67	1
400636	HF-52S10	Joystick Analog, 3 Assi 2 Puls.				IP67	1
400636.01	505-442	Cavo Colleg. X Joystick Analog.				IP67	1

■ 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

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
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

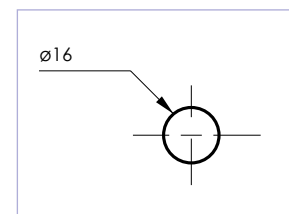
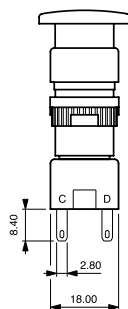
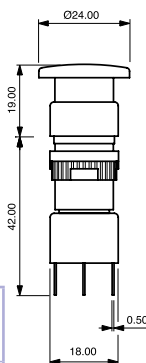


400519



400520

O



Foratura pannello
Drilling mask

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

Interruttori bipolari APEM® a bascula APEM® double pole rocker switches

IP65

IP65

IP65



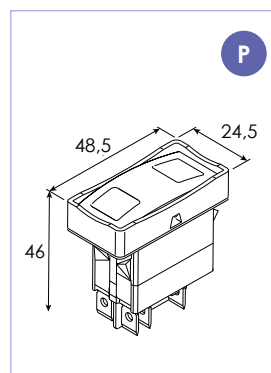
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400573



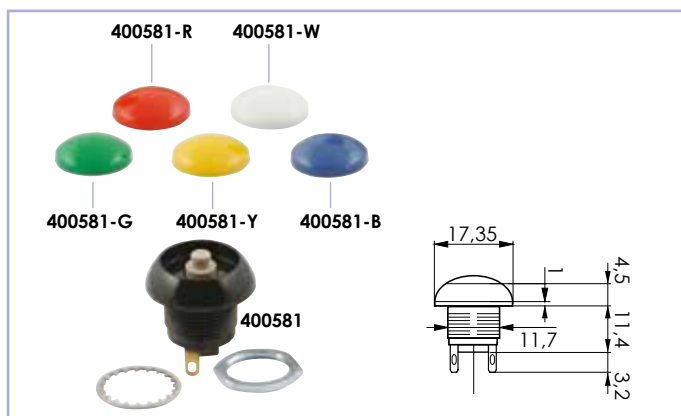
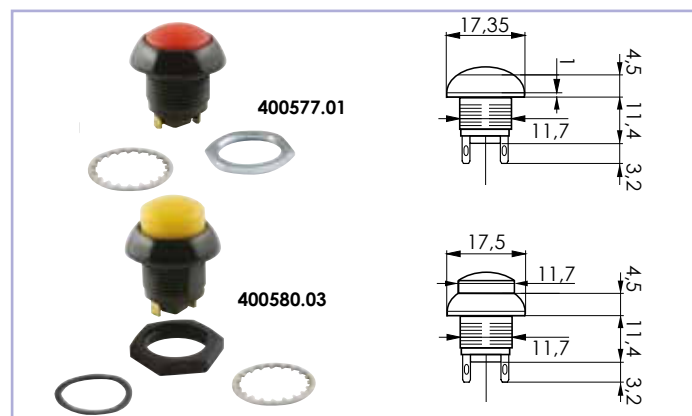
400574



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

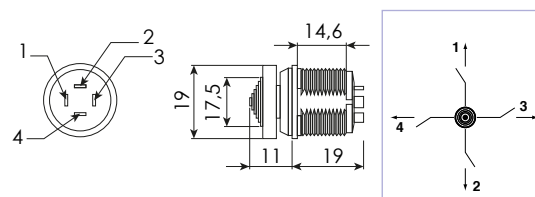


Cod.		Otto ref.		Color	A	Notes / Connection Type	IP Grade	
400577.01		P9-511121	OFF-MOM		5	2 x solder - ø 12 mm	IP68	40
400580.03		P9-211124W	OFF-MOM		5	2 x solder - ø 12 mm	IP68 S	10
400626.06		P9-111123	OFF-MOM		5	2 x solder - ø 12 mm	IP68 S	40
400588		P9C-211123	OFF-MOM		0,1	2 x solder - ø 12 mm	IP68 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		P9-900016	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

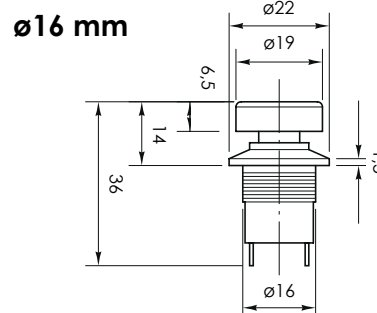
Manipolatore mini 2 assi 2-axis mini Joystick

- 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

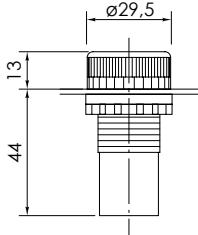


Cod.		Otto ref.		Color	A	Notes / Connection Type	IP Grade	
400523		P3-30268	OFF-MOM		10	2 x solder - ø 16 mm	68	15
400523-Y		P3-30269	OFF-MOM		10	2 x solder - ø 16 mm	68	15

Unità di comando COMEPI® - COMEPI® control units

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

Portalampane 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 20 20		
400217-Y	ECX1052	panel lamp holder, yellow						
400217-BL	ECX1054	panel lamp holder, blue						
400217-R	ECX1051	panel lamp holder, red						
400225	ECX 2051-24L	panel lamp holder, red "LED"		24	IP20	 15 15 15		
400226	ECX 2052-12L	panel lamp holder, green "LED"		12				
400226-BL	ECX 2054-12L	panel lamp holder, blu "LED"		12				
400213	ATBA.9.23.12	12 V light bulb (12 V - 2 W, not included)		12	IP20	 20		
400223-R	G22PP1BPMHR12E	panel lamp holder, red, intermittent		12		 10		

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

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			IP20	25
400411	ECX1040	contact element (IP20) NO	2.8	24 VDC	IP20	100
400412	ECX1030	contact element (IP20) NC			IP20	100
400455.01	ECX3029A	plastic support base for metal-body selectors			IP20	25
400411-PLT	ECX1040N	contact element NO	2.8	24 VDC	IP20	100
400412-PLT	ECX1030N	contact element NC			IP20	100
400421.02	ECX3055N24-L	24 V white LED			IP20	100

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
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
400488-PLT	ECX3137	momentary, ø 60 mm				IP65	10
400488.01-PLT	ECX3135	momentary, ø 40 mm				IP65	10
400455-PLT	ECX 3029N	plastic support base for plastic-body selectors					25
400411-PLT	ECX1040N	contact element NO		2.8	24 VDC	IP20	100
400412-PLT	ECX1030N	contact element NC		2.8	24 VDC	IP20	100
400424	ECX 3055N-12L	light selector lamp holder		-	12 VDC	IP20	100
400421.02	ECX3055N-24L	24 V white LED		2.8	24 VDC	IP20	100
400421.02-R	ECX3051N-24L	24 V red LED		2.8	24 VDC		

Selettori COMEPI® ø22 mm - COMEPI® Selectors ø22 mm



Cod.	COMEPI ref.	Description	Color	IP Grade	
400436	ECX1241	momentary, red	Red	IP65	20
400436-G	ECX1242	momentary, green	Green	IP65	20
400532	ECX1252	2 pos., maintained	Green	IP65	20
400533	ECX1261	3 pos., maintained	Red	IP65	20
400516	ECX1300	2 positions, maintained	Black	IP65	20
400421	ECX1251	2 pos., maintained	Red	IP65	20
400537	ECX1320	3 pos., maintained	Black	IP65	20
400542	ECX1330	3 pos., momentary w/ center return	Black	IP65	20
400511	ECX1310	2 pos., momentary	Black	IP65	20
400409	ECX1430	key selector, 2 positions, with right return	Black		20
400479	ECX1420	key selector, 2 positions, maintained	Black		20
400586	ECX1470	key selector, 3 positions, maintained	Black		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



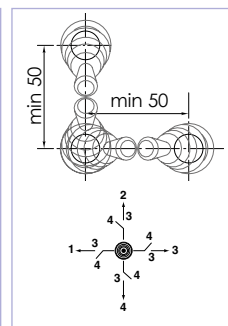
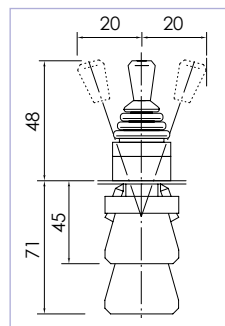
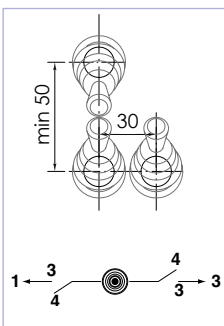
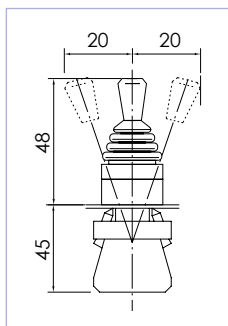
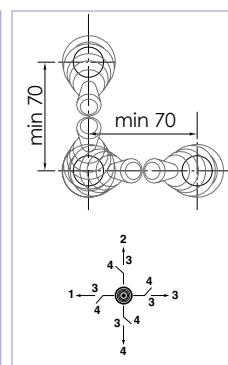
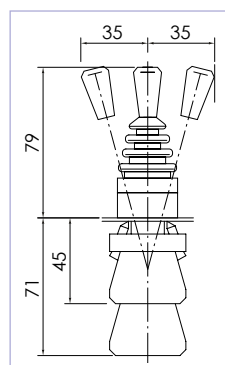
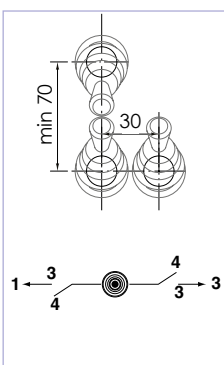
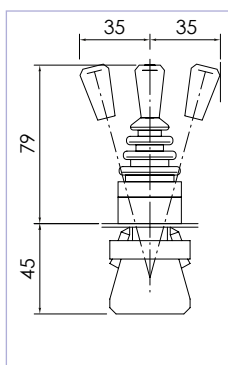
400538



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						5
400416.01	ECX1550	4	-	ABCD						5
400423	ECX1521	4	A	BCD	2,8	24 VDC	48 mm	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						5
400408.01	ECX1540	2	-	AB						5
400431	ECX1511	2	A	B	2,8	24 VDC	48 mm	79 mm	IP65	5
400431.01	ECX1541	2	A	B						5
400449	ECX1512	2	AB	-						5
400449.01	ECX1542	2	AB	-			148 mm	79 mm		5

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	30,3 x 53	2,8	24 VDC	PG 13,5	IP65	1
400491.02	AP1T14W20	technopolimer	rod with cover	2 NO	30,3 x 53	2,8	24 VDC	PG 13,5	IP65	1
400491.01	AM1F11Z11	metal	rod with cover	NO + NC	30,3 x 55	2,8	24 VDC	PG 13,5	IP66	1
400492	AP1T35Z11	technopolimer	with metal head	NO + NC	30,3 x 53	2,8	24 VDC	PG 13,5	IP65	1
400582	AP1T43Z11	technopolimer	metal wheel with arm	NO + NC	30,3 x 53	2,8	24 VDC	PG 13,5	IP65	1
400582.01	AM1F43Z11	metal	metal wheel with arm	NO + NC	30,3 x 55	2,8	24 VDC	PG 13,5	IP66	1
400582.02	AP5F43Z11	technop.+steel	metal wheel with arm	NO + NC	30,3 x 55	2,8	24 VDC	M20x1,5	IP66	1
400500	AP1T98Z11A	technopolimer	with ring	NO + NC	30,3 x 53	2,8	24 VDC	PG 13,5	IP65	1
400583	AP1T13X11	technopolimer	rod with wheel	NO + NC	30,3 x 53	2,8	24 VDC	PG 13,5	IP65	1
400583.01	AM1F12Z11	metal	rod with wheel	NO + NC	30,3 x 55	2,8	24 VDC	PG 13,5	IP66	1
400583.02	AP5F12Z11	metal	rod with wheel	NO + NC	30,3 x 55	2,8	24 VDC	M20x1,5	IP66	1
400490	BM1E93Z11	metal	multidirectional - spring	NO + NC	40 x 76,5	2,8	24 VDC	PG 13,5	IP65	1
400490.01	BM1E62Z11	metal	unidirectional - spring	NO + NC	40 x 76,5	2,8	24 VDC	PG 13,5	IP66	1
400599	EM1G24Z	metal	rod with wheel	NO + NC	40 x 31,5	1,1	24 VDC	1m 5x0,75 cable	IP67	1
400600	EM1G12Z	metal	rod with wheel	NO + NC	40 x 31,5	1,1	24 VDC	1m 5x0,75 cable	IP67	1
400439	MP6123M	Interruttore pulsante a Pedale U/Conn. M8						M8	IP65	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	40 x 60	6	24VDC	PG 13,5	IP67	1
400513	FC315	metal	rod with wheel	NO + NC	40 x 44	6	24VDC	PG 11	IP67	1

Spine Members® per rimorchio a 7 e 13 poli - Members® 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

Prese Members® tipo N a 7 e 13 poli - Members® 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

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

Pinze a Coccodrillo - Crocodile Clips



Cod.	Description	A	VDC	
406105	High Quality Lighter Socket (12/24 V)	15	12/24	1
406106	Lighter Socket	10	12/24	1

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)	(5x20)	(6x32)		STD	MAXI	MINI	MINIVAL LOW PROFILE	
1	-	-	-	400302	-	-	-	100
2	400356	400360	-	400364	-	400364.02	-	100
3	-	-	-	400363	-	400363.02	-	100
3,15	400357	-	-	-	-	-	-	100
4	400380	-	-	-	-	400382.02	-	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

Portafusibili - Fuseholders

400303 10 A 250 V (5x20)	400309 16 A 250 V (5x20)	400314 10 A 250 V Bakelite (5x20)	400301 15 A 250 V (6x32)
400313 125 A 12-24 V 	400315 "MIDI" 150 A 32 V 	400365 40 A 12-80 V STD	400312 40 A 12-50 V STD
400308 30 A 12-24 V STD 10 UL - 12 AWG Cable	400308.03 40 A 12-24 V STD 10 UL - 10 AWG Cable	400308.01 80 A 12-24 V MAXI 1 UL - 8 AWG Cable	400308.02 30 A 12-24 V MINI 10 UL - 12 AWG Cable

Connettori Deutsch® serie DT/DTP

IP67

- Contatti in rame nickelato per fili 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).

Deutsch® DT/DTP series connectors

IP67

- 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.	#	
	406185.01 406184.01 406297.01 406203.01 406301.01 406188.01	Salvarani product	2 3 4 6 8 12	10 10 10 10 10 10
	406010 406309		1 1	10 10
	406327 406483		2 4	10 10
	406093.01 406425 406206.01		2 2 4	10 10 10
	406186 406184 406297 406203 406301 406188		2 3 4 6 8 12	10 10 10 10 10 10
	406184-BK 406297-BK 406203-BK 406301-BK 406188-BK		3 4 6 8 12	10 10 10 10 10
	406093 406089 406167 406206 406085 406180 406081	DT04-2P DT04-3P DT04-3P-P007 DT04-4P DT04-6P DT04-08PA DT04-12PA	2 3 3 a Y 4 6 8 12	10 10 10 10 10 10 10
	406089.02 406430	DT04-3P-LE08 DT04-08PA-CL06	3 8	10 10
	406081.01 406081.02	DT04-12PA-LE01 DT04-12PA-LO12	12 12	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
	BL-406524 406524	1060160122 1060160122	0,75-1,5 0,75-1,5	100 4000 
	406586 BL-406584 406584 406655	1060160622 1060161222 1060161222 1060-12-0166	0,5-1,0 1,0-2,5 1,0-2,5 2,0-3,0	4000  100 3200  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

	Cod.	Deutsch ref.	#	
	406186.01 406183.01 406210.01 406202.01 406211.01 406187.01	Salvarani product	2 3 4 6 8 12	10 10 10 10 10 10
	406310 406422 406424		1 2 4	10 10 10
	406207.01 406185 406183 406210 406202 406211 406187		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		2 3 4 6 8 12	10 10 10 10 10 10
	406094 406090 406042 406207 406086 406086.02 406179 406082		2 3 3 4 6 6 8 12	10 10 10 10 10 10 10 10
	406095 406422.01 406092 406042.01 406209 406424.01 406088 406088.02 406181 406083		2 2 3 3 4 4 6 6 8 12	10 10 10 10 10 10 10 10 10 10
	406094.01-LED 406095-L12V 406095-L24V	DT06-2S-STD-CE27 W2S-SDT-12V W2S-SDT-24V	2 2 2	10 10 10
	BL-406525 406525 406620 BL-406572.01 406572.01	1062160122 1062160122 1062140122 1062-12-0166 1062-12-0166	0,75-1,5 0,75-1,5 0,8-2,0 2,0-3,0 2,0-3,0	100 4000  4000 100 2500 
	BL-406587 406587 BL-406585 406585	1062160622 1062160622 1062-16-1222 1062161222	0,5-1,0 0,5-1,0 1,0-2,5 1,0-2,5	100 4000  100 4000
	406679 406572 406576 406608	0462-201-16141 0462-203-12141 0462-203-08141 0462-203-04141	0,5/1,5 2,0-3,0 5,0-8,0 13-16	10 10 10 10

Connettori Deutsch® serie DTM

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;

Deutsch® DTM series connectors

IP67

- 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.	#	
406291	DTM04-2P	2	10
406293	DTM04-3P	3	10
406296	DTM04-4P	4	10
406288	DTM04-6P	6	10
406190	DTM04-12PA	12	10
406291.01	WM2P	2	10
406293.01	WM3P	3	10
406296.01	WM4P	4	10
406288.01	WM6P	6	10
406191	WM12P	12	10
406323	DTM2P-BT	2	10
406477	DTM3P-BT	3	10

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

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

Cod.	Deutsch ref.	#	
406292	DTM06-2S	2	10
406294	DTM06-3S	3	10
406295	DTM06-4S	4	10
406290	DTM06-6S	6	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
406292.01	WM2S	2	10
406294.01	WM3S	3	10
406295.01	WM4S	4	10
406290.01	WM6S	6	10
406192	WM12S	12	10
406322	DTM2S-BT	2	10

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

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	114017	Plug for unused contacts	DT-HPD-DRC	100
406339	1011-310-0205	Mounting clip	DT-HPD-DRC	10
406045	1011-237-0405	Adap. X Sleeve Corr. C.deutsch 4P		

Connettori Deutsch® serie DRC

Connettori per applicazioni critiche, con guarnizioni in silicone.

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

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

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
406650	0528-001-5005	hood for 406649	1



Connettori Deutsch® serie HDP/HD

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;



Cod.	Deutsch ref.	#	
406429	HDP24-24-19PE	19	1
406435	HDP24-24-21-PN	21	1
406428	HDP24-24-23SN	23	1
406270	HDP24-24-31-PT	31	1
406442	HDP24-24-31-SE	31	1
406448	HD34-24-31PE	31	1
406270.01	2414-001-2486	-	1
406270.02	2411-001-2405	-	1
406464	HDC16-9	-	1



Cod.	Deutsch ref.	Section (mm²)	
BL-406524	1060160122	0,75-1,5	100
406524	1060160122	0,75-1,5	4000
406586	1060160622	0,5-1,0	4000
406584	1060161222	1,0-2,5	4000
406577	0460-204-08141	5,0-8,0	10
406616	0460-202-16141	0,5-1,0	10
406625	0460-204-12141	2,0-3,0	10

Deutsch® HDP/HD series connectors

IP67

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.	#	
406280	HDP26-24-18-SN	18	1
406427	HDP26-24-19SE	19	1
406434	HDP26-24-21-SE	21	1
406269	HDP26-24-31-ST	31	1
406443	HDP26-24-31-PE	31	1

Cod.	Deutsch ref.	#	
406694	HD36-18-8SN	8	1
406695	HD36-24-14SN	14	1
406446	HD36-24-24SE	23	1
406400	HD36-24-31SE	31	1
406427.01	HD30-24BT-BK	cuffia	1
406447	HDC-34-24	tappo	1
406696	0428-204-1890	HD30	1

Cod.	Deutsch ref.	Section (mm²)	
BL-406525	1062160122	0,75-1,5	100
406525	1062160122	0,75-1,5	4000
406620	1062140122	0,8-2,0	4000
406587	1062160622	0,5-1,0	4000
BL-406585	1062161222	1,0-2,5	100
406585	1062161222	1,0-2,5	4000
406572.01	1062120166	2,0-3,0	2500
BL-406572.01	0462-203-12141	2,0-3,0	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

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.



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	Salvarani product	12	10
406319	Salvarani product	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

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.	#	
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	Salvarani product	12	10
406319	Salvarani product	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® 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.



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
406272	182922/1	9	1
406038	182916/1	16	1
406033	206838/1	24	1
406035	182918/1	37	1



406329	208471-1	37	1
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406262	206429/1	4	1
406200	182926/1	37	1



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

BL-406512	1-66098/8	0,75÷1,5mm²	100
406512	1-66098/8	0,75÷1,5mm²	4000

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.	# /Note	
406466	206037/2	3	1
406263	206430-2	4	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



406328	208470-3	37	1
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406260	206430/1	4	1
406224	182920/1	37	1



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



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



406607	66740/6	2 ÷ 3mm²	10
406631	66740/2	2 ÷ 3mm²	10

Accessori per Tyco® - Tyco® accessories



406229



406076

Cod.	Deutsch ref.	Description	Serie	
406229	770377-1	Plug for unused contacts	MATE-N-LOK	100
406076	213812/1	Coupling ring for 24/37 pins connector	CPT	10

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

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.

NEW 																		
Cod.	#	 mm	 (mm)		Cod.	Souriau ref.	#	 mm	 (mm)		Cod.	Souriau ref.	#	 mm	 (mm)			
406080.03	8	54	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
406078.03	28	70	PG 21	13÷18	1	406357.01	UTG18ST	23	76	PG 16	10÷14	1	406357	UTG18AC	23	50	19	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

Cod.	Souriau ref.	# / Note			Cod.	Souriau ref.	# / Note		
406102	UTG01412P	12	1		406103	UTG61412SN	12	1	
406196	UTG01619P	19	1		406194	UTG61619SN	19	1	
406401	UTG01823P	23	1		406411	UTG61823SN	23	1	
406160	UTG02028P	28	1		406161	UTG62028SN	28	1	
406406	UTG02235P	35	1		406413	UTG62448SN	48	1	
406409	UTG02448P	48	1						
406102.01	UTG11412P	12	1		406476	UTG11823SH	23	1	
406196.01	UTG11619P	19	1						
406079	UTG6128PN	8	1		406134	UTG0128S	8	1	
406410	UTG61412PN	12	1		406407	UTG01412S	12	1	
406432	UTG61619PN	19	1		406289	UTG01619S	19	1	
406356	UTG61823PN	23	1		406470	UTG01823SH	23	1	
406171	UTG62028PN	28	1		406170	UTG02028S	28	1	
406412	UTG62448PN	48	1		406402	UTG02235S	35	1	
406399	UTG612DCG	8	1		406408	UTG02448S	48	1	
406235	UTG614DCG	12	1		406151	UTP12DCG	8	1	
406258	UTG616DCG	19	1		406313	UTP14DCG	12	1	
406377	UTG618DCG	23	1		406257	UTP16DCG	19	1	
406234	UTG620DCG	28	1		406259	UTP20DCG	28	1	
BL-406588	SM20M1TK6	0,35-0,5mm²	100		BL-406047	SC16M11TK6	0,8-1,5 mm²	100	
406588	SM20M1TK6	0,35-0,5mm²	3000		406047	SC16M11TK6	0,8-1,5 mm²	3000	
BL-406058	SM16M11TK6	0,8-1,5 mm²	100		BL-406590	SC14M1TK6	2,0-2,5 mm²	100	
406058	SM16M11TK6	0,8-1,5 mm²	3000		406590	SC14M1TK6	2,0-2,5 mm²	3000	
BL-406592	SM14M1TK6	2-2,5 mm²	100		406589.01	SC20M1S31	0,35-0,5mm²	3000	
406592	SM14M1TK6	2-2,5 mm²	3000		406047.03	RC16M23K	0,52-1,5mm²	50	
406058.03	RM16M23K	0,52-1,5mm²	50		406647	RC18W3K	0,5-1 mm²	50	
406058.01	SM16M11S18	0,8-1,5mm²	3000		406047.01	SC16M11S18	0,8-1,5mm²	3000	

Connettori Souriau® serie UTS

Connettori 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;

Souriau® 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.	Souriau 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.

NEW 																		
Cod.	#	 mm	 (mm)		Cod.	Souriau ref.	#	 mm	 (mm)		Cod.	Souriau ref.	#	 mm	 (mm)			
406080.03	8	54	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
406078.03	28	70	PG 21	13÷18	1	406357.01	UTG18ST	23	76	PG 16	10÷14	1	406357	UTG18AC	23	50	19	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



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

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



Cod.	ITT/Burndy ref.	Note	
BL-406058	192990-2490	Standard	100
406058	192990-2490	Standard	3000
406058.01	192990-2630	Gold	100
		Gold	3000
406058.02	192990-0000	HCM	100
		HCM	3000
406058.03	RM16M23K	crimp	50



Cod.	ITT ref.	#P	#s	
406253	192990-9240	12	19	1
406250	192900-0032	4	20	1
406241	192900-0469	0	48	1

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

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	192990-0001	HCM	100
		HCM	3000



Connettori ITT®

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

NEW



Gold Series

Cod.	Description	#	
406490	132015-0075	24	1
406496	Calotta Itt M.P.F.	24	1
BL-406047	SC16M11TK6	0,8-1,5 mm²	100
406047	SC16M11TK6	0,8-1,5 mm²	3000
BL-406590	SC14M1TK6	2,0-2,5 mm²	100
406590	SC14M1TK6	2,0-2,5 mm²	3000
406589.01	SC20M1S31	0,35-0,5 mm²	3000
406047.03	RC16M23K	0,52-1,5 mm²	50
406647	RC18W3K	0,5-1 mm²	50
406047.01	SC16M11S18	0,8-1,5 mm²	3000

ITT® connectors

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

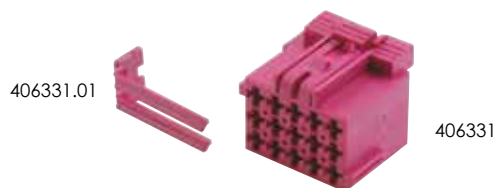
NEW



Gold Series

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 mm²	100
406588	SM20M1TK6	0,35-0,5 mm²	3000
BL-406058	SM16M11TK6	0,8-1,5 mm²	100
406058	SM16M11TK6	0,8-1,5 mm²	3000
BL-406592	SM14M1TK6	2-2,5 mm²	100
406592	SM14M1TK6	2-2,5 mm²	3000
406058.03	RM16M23K	0,52-1,5 mm²	50
406058.01	SM16M11S18	0,8-1,5 mm²	3000

Connettori Tyco® serie JPT



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 mm²	4000

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



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	
406440	776286-1	8	1
406437	770680-1	23	1
406350-BL	776164-5	35	1
406350	776164-1	35	1
406441	770520-1	0,5 - 1,5 mm²	5000
406597	770854-3	0,5 - 1,25 mm²	100
406686	776464-1	Cover per 23	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
406627	Faston. Fem.	929939-3	0,5 - 1 mm²	3750
BL-406627				100
406626	Blue rubber cap	828904-1	øe 2,1mm	100
406626-W	White rubber cap	828905-1	øe 3mm	100

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



406279-R



406279



406279.01



406478



406478.02



406480.01



406479



406480

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		
406480	134G2		175	2	10
406479	995G3		HANDLE KIT 175A		10
406479-GR	995G1		HANDLE KIT 175A		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 (mm²)	
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	EPDM	6	5/6	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
406384	3-1437290-7	26	-	10
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

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

Cod.	Description	Ref.	Pins	
400629	Plug	PX0748-P	4	10
400629.01	Plug cap	PX0734	CAP	10

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.



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 mm²	100
406553	15344719	1,5-2,5 mm²	3200

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.	#	
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 mm²	2200
BL-406554	15344717	1,5-2,5 mm²	100
406554	15344717	1,5-2,5 mm²	3500

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 - 2 mm²).

- 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
406474	12162185	150	3	50
406255	15363982	280	2	50
406255.01	400667	280	2	50
406271.01	620724	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 mm²	100
406624	15363934	150	0,5-1 mm²	4000
406474.01	12124075	150	0,75/1	3500
406653	12077411	280		2300
BL-406569	15363933	280	1-2,5 mm²	100
406569	15363933	280	1-2,5 mm²	3200
BL-406653	12077411	280	0,5-0,8 mm²	100

Metri-Pack® 150/280 series connectors

IP67

2-contact version

Brass ferrules for wires 0,8 - 2 mm² (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	620840	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
BL-406571	413121	280	1-2,5 mm²	100
406571	413121	280	1-2,5 mm²	3500

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
400604.01	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 
406347	F 9,5 x 1,2	2000 
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 

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

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

Connettori FCI® serie SICMA

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;



Cod.	FCI ref.	#	
406244	HCCMHPE24BKAF	24	1
406244.03	HCCPHPE24BMA90F (90° for circuit board)	24	1
406244.03-GR	HCCPHPE24GYB90F (gray version)	24	1
406403	211PL249S0033	24	1
406403-GR	211PL249S8033 (gray version)	24	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.	MAX section	
406560	211CL3S2120	2,8 mm²	2500
BL-406560	211CL3S2120	2,8 mm²	100
406562	33512109	0,75-1,3 mm²	5000
BL-406562	33512109	0,75-1,3 mm²	100

FCI® SICMA series connectors

IP67

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



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	
406559	211CC3S2120	2,8 mm²	2000
BL-406559	211CC3S2120	2,8 mm²	100
406561	211CC2S2160P	1,5 mm²	3600
BL-406561	211CC2S2160P	1,5 mm²	100

Connettori tipo JST® passo 3,96 mm

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;



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

JST®-like connectors 3,96 mm pitch

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



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

Connettori Weidmüller® serie HD/ILME IP65

- Supporto in materiale termoplastico autoestinguente omologato UL;
- viti in ottone imperdibili, già svitare;
- 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.

Weidmüller® HD/ILME series connectors IP65

- 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	•		16	1
406013	WD16612.3	CHO24		•	24	1
406281	WD16623.9	CHO24L	•		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	•		24	1
406484		MAP 24 LS240	•		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
406308	1665630000	CHC24			24	1
406485		CDSF 42			42	1
406659		CDFA 1.0	F Faston, 10A, ø 1 mm		-	1
406660		CDMA 1.0	M Faston, 10A, ø 1 mm		-	1



Connettori Weidmüller® serie HQ/ILME 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.

Weidmüller® HQ/ILME series connectors IP65

- 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.

406022



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

PG 11
Cod. 400013



M20x1,5
Cod. 400030

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

Connettori Militari Amphenol

Amphenol Military connectors



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

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 polycarbonato 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.	#	
406213	CL30F	30	10



Cod.	GEI ref.	
406214	1130.7	10
406215	1130.8	10



Cod.	GEI ref.	
406217	1C56	50
406216	1C51	50



Cod.	#	Description	
406369	30	Kit for 30 pin male GEI connector with plastic housing	1
406369.01		Sealing cover	1
406370	39	Kit for 39 pin male GEI connector with plastic housing	1

Connettori circolari Binder® - Binder® circular connector



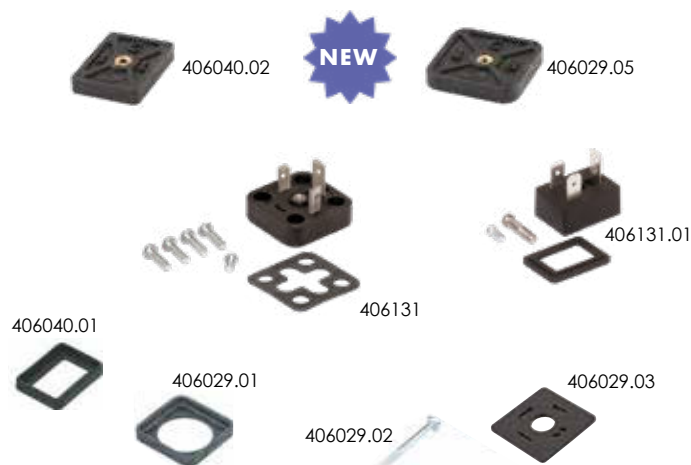
Cod.	Binder ref.	Description	
406239		3 poles circular connector	1
406340	09-0098-20-05	5 poles circular connector	1
406341	99-0095-100-05	5 poles circular connector - panel mount	1

Accessori per Connettori per Elettrovalvole

Accessories for solenoid valves connectors

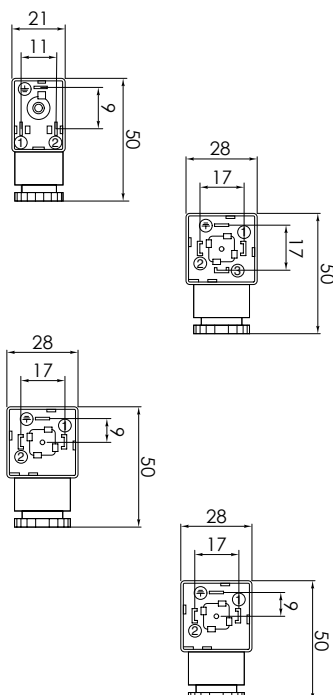
Coperchi di protezione in materiale termoplastico per connettori C11 e C18, da montare nel caso lo specifico connettore non venga collegato elettricamente.

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



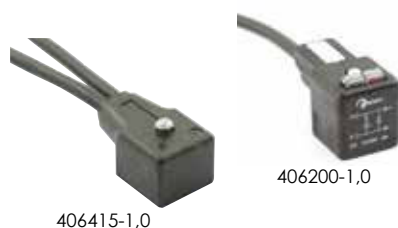
Cod.	Type	Note	
406029.05		Cover cap C18	200
406040.02		Cover cap C11	200
406131.01	C11 - 2P+T	Circuit board for C11 2P+T connector	100
406131	C18 - 2P+T	Circuit board for C18 2P+T connector	100
406040.01		C11 Seal	100
406029.01		C18 Seal	100
406029.03		C18 Flat Seal	100
406029.02		M3x32.5 Fixing Screw - Steel Zinc.	100
406029.04		M3x32.5 Fixing Screw - INOX A2	100

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



Cod.	Type	V	PG	LED	Diode	Connector	
406040	C11 - 2P+T	12VDC	9			√	100
406029	C18 - 2P+T	12VDC	9			√	100
406098	C18 - 3P+T	12VDC	9			√	100
406039	C18 - 3P+T	230VDC	9			Raddrizz.1A	100
406055	C18 - 2P+T	12VDC	9		√		100
406030	C18 - 2P+T	12/24 V	9		√		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	12VDC		√	√	1
406200-1,0	C18 - 2P + T	1	3 x 0,75				√	1
406415-1,0	C18 - 2P + T	1	2 x 0,75				√	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 (mm²)	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 (mm²)	V	LED	Diode	PG	Costampato Molded	
406492-1,0	C18 - 2P + T	1	2 x 0,75	12VDC		√	√		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
406495-2,0	C11 - 2P + T	2	2 x 0,75				√		1
406663-1,0	C18 - 2P + T	1	3x0,75				√		1

Cavi multipolari in metratura

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.

Multipole cable reels

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.

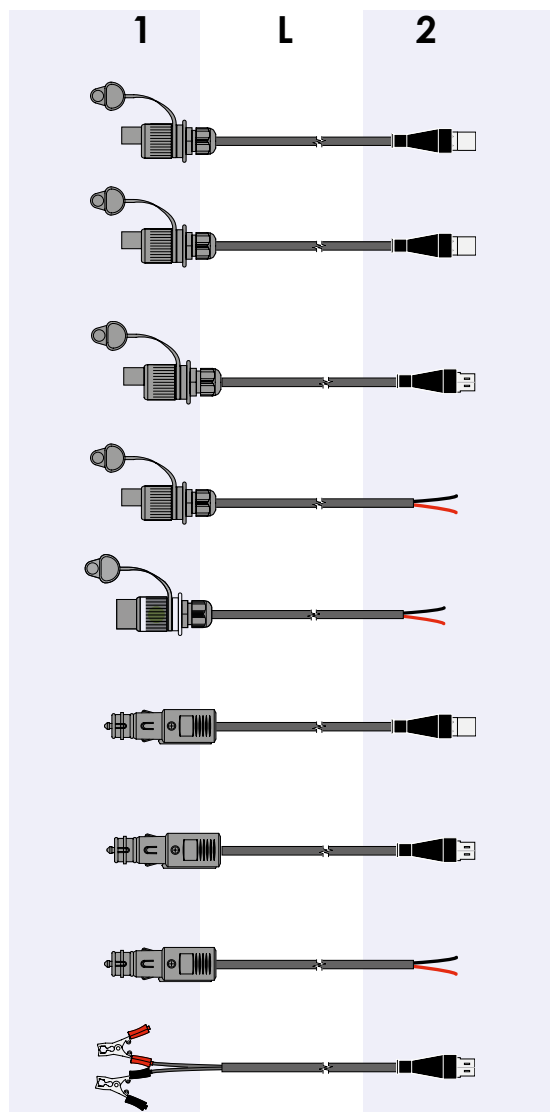


Standards: CEI 20-29 / CEI 20-11 / CEI 20-22 II / CEI 20-20 / IEC 332.3A

Cod.	#	external ø (mm)	Conductors Type	Conductors Color	 (m)
750011.00,5-R	1	2,1	1x0,5 mm ²		750
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	8,4	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
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	 	1000
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

Extensions cables





Cod.	1	L (m)	#	2	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		300
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
750135	Black PVC sleeving	16		80
750129	Black PVC sleeving	18		75
750099	Black PVC sleeving	22		60
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	1202102	Inspectable Corrugated sleeving Ø 10	10	50
750125	3805009	Straight fitting for Sleeving Ø10	PG9	1
750126		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	7800045	Straight fitting for Sleeving Ø23	PG21	1
750143		Pull-proof cable grip for Sleeving Ø12/13	PG11	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



Cod.	Description	Ømm	Shrinking ratio	Color	(m)
750117	Heat-shrinking self-adhesive sleeving	3	3:1	Black	150 m
750121	Heat-shrinking self-adhesive sleeving	6	3:1	Black	75 m
750128	Heat-shrinking self-adhesive sleeving	16	4:1	Black	factory cut at 1,22 m
750119	Heat-shrinking self-adhesive sleeving	24	4:1	Black	factory cut at 1,22 m
750104	Heat-shrinking self-adhesive sleeving	32	4:1	Black	factory cut at 1,22 m
750130	Heat-shrinking self-adhesive sleeving	40	4:1	Black	factory cut at 1,22 m
750105	Heat-shrinking self-adhesive sleeving	52	4:1	Black	factory cut at 1,22 m
750145	Heat-shrinking self-adhesive sleeving	63	3:1	Black	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.

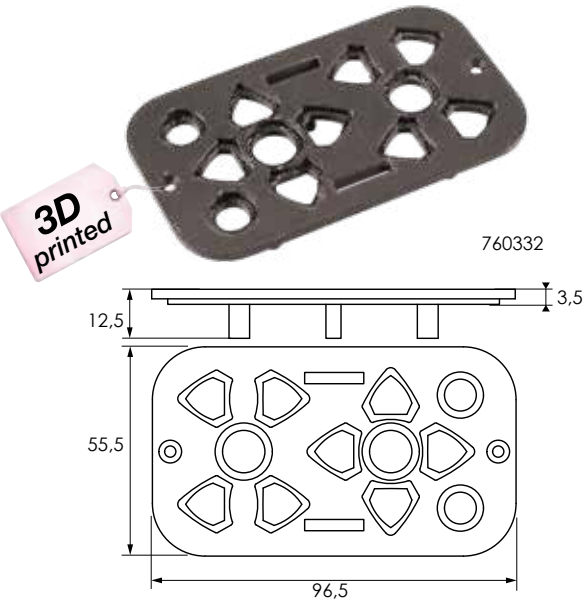
Shrinking temperature: 100°C

Operating range from -55°C to 135°C

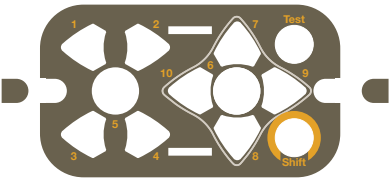


Cod.	Description	Ømm	Shrinking ratio	Color	(m)
750216	Heat-shrinking sleeving	3,2	2:1	Black	15m
750133	Heat-shrinking sleeving	4,8	2:1	Black	12m
750113	Heat-shrinking sleeving	12,7	2:1	Black	75m
750146	Heat-shrinking sleeving	19	2:1	Black	5m

Pannello frontale per joystick 760330
Front panel for 760330 joystick



Adesivo
Panel sticker



CPU Freescale 9S12XET256-112LQFP



405212.01

Risorse Modulo CPU ISO/CANbus Salvarani
Resources of Salvarani's ISObus / CANbus CPU Module

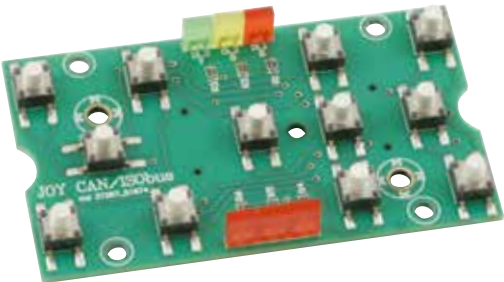
XGATE	Controllo automatico e DMA ingressi Automatic control and inputs' DMAs	✓
CAN ND	Periferica CAN senza physical layer driver CAN peripheral without physical layer driver	2
CAN WD	Periferica CAN con physical layer driver CAN peripheral with physical layer driver	1
UART	Periferica seriale asincrona Asynchronous serial peripheral	4
SPI	Periferica seriale sincrona Synchronous serial peripheral	3
I2C	Periferica Inter Integrated computer Inter Integrated computer peripheral	1
ADC	Convertitore analogico -> digitale Analog -> digital converter	2-12 bit 2x8 MUX
D_I/O	I/O digitali Digital I/Os	91
PWM	Canali PWM PWM channels	8
Capture	Ingressi capture Capture inputs	6
PCapture	Ingressi capture con prescaler programmabile Capture inputs with programmable prescaler	2
Flash	Memoria programma (non volatile) Program memory (non-volatile)	256 KB
RAM	Memoria dati (volatile) Data memory (volatile)	16 KB
EEPROM	Memoria dati di massa (non volatile) Mass data memory (non-volatile)	4 KB
VEEPROM	Memoria dati di massa virtuale (non volatile) Virtual mass data memory (non-volatile)	32 KB

Tastiera

12 tasti ON/OFF a matrice con 6 LED
 Connettore HE13-2,00 Polistrip

Keyboard

12 ON/OFF matrix buttons with 6 LEDs
 HE13-2,00 Polistrip connection



Circuiti di Controllo per Motori 12V DC

Disponibili in 2 modelli:

- 405562.04, corrente massima 25A, controllo PWM (300W potenza massima).
- 405119.02, corrente massima 5A, controllo PWM.

Disponibili con cablaggio per collegamento alle schede.

405562.04

(401567.01+405562.03)



Cod.	A	V	Micro switch	Speed Sensor	Notes	
405562.04	25	12	•		Max Power 300 W	1

Cod.	Description	#P	L (m)	
770024	Cablag. L.200 x conn. 2 poli XH	2	200	1
770020	Cablag. L.150 x conn. 3 poli XH	3	150	1



405119.02



Cod.	A	V	Micro switch	Speed Sensor	Notes	
405119.02	3	12			2 x PWM complete with separate 3 buttons circuit board	1

Cod.	Description	#P	L (m)	
770051	Cablag. L.250 x conn. 4 poli XH	4	250	1
770061	Cablag. L.250 x conn. 7 poli XH	7	250	1
770044 770054	Cablag. scheda plus 12 poli multifunzionale Cablag. scheda plus 12 poli multifunzionale	12 12	200 350	1

401541



Cod.	Description	#P	L (m)	
401541	Potenzimetro lineare 100 K/OHM			1

Control circuits for 12V DC pumps

2 versions available:

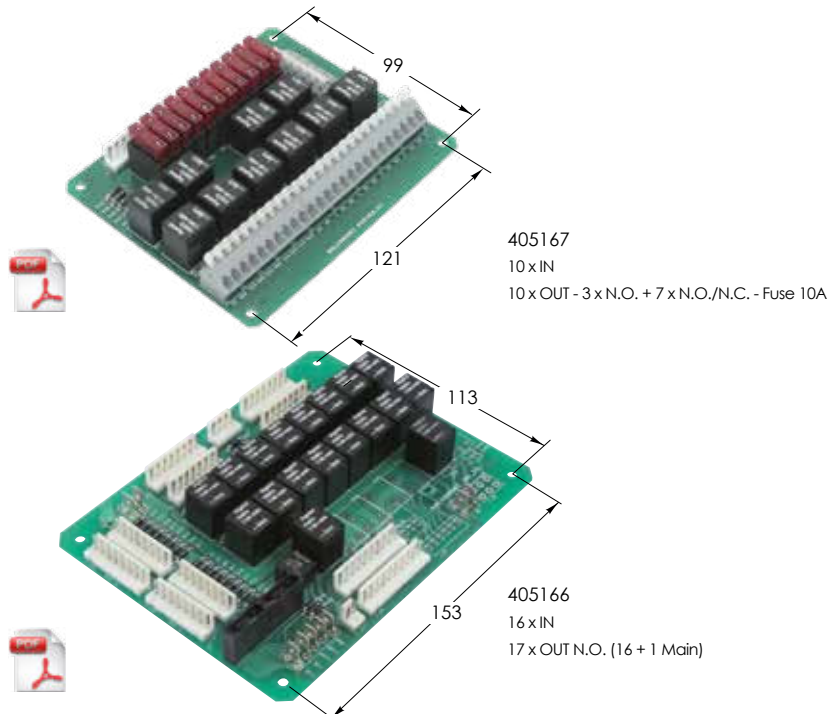
- 405562.04 25A maximum current, PWM control (300W maximum power).
- 405119.02 5A maximum current, PWM control.

Available with wiring for connection to the boards.

Schede relè 12V DC

Disponibili in 2 versioni:

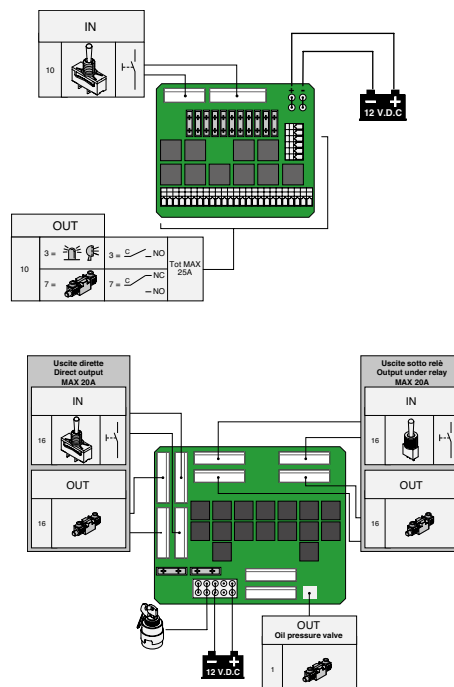
- 405167: 10 entrate e 10 uscite controllate da relè (7 con relè NO, 3 con relè NO-NC), fusibile di protezione a lama 8A.
- 405166: 16 entrate e 16 uscite controllate da relè NO. Ogni ingresso attiva l'uscita corrispondente e una valvola generale di messa a scarico. Due fusibili di protezione a lama: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



12V DC relay boards

2 versions available:

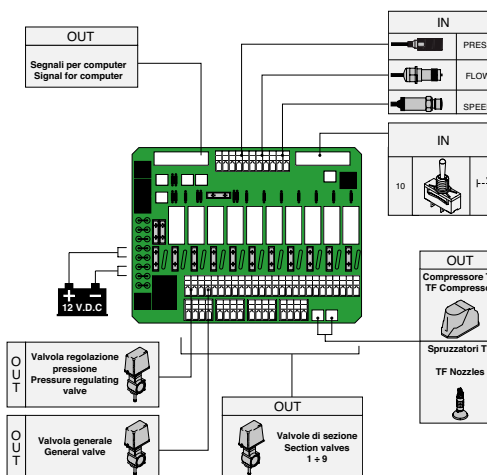
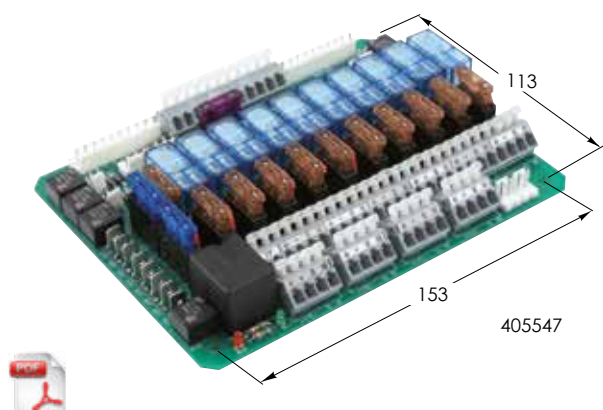
- 405167: 10 input and 10 output controlled by relay (7 with NO relay, 3 with NO-NC relay), 8A protection blade fuse.
- 405166: 16 input and 16 output controlled by NO relays. Each input activates the corresponding output and the main discharge valve. Two protection blade fuses: 15A (main) and 10A (discharge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



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.



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

Strumenti di misura

405220



Measurement tools

405221



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



405521.01

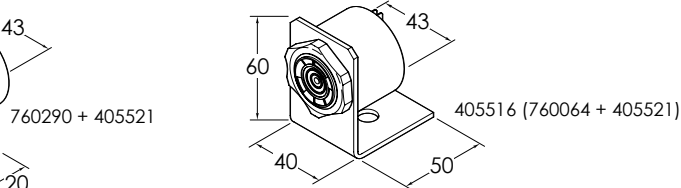
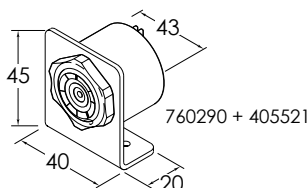
405516



760064



760290



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
760290	Aluminum bracket for internal mount 45x40x20				1

Nastro isolante - Insulating tape

CEI EN 60454

Morsetti trasparenti - Transparent clips



Cod.	Description	Color	
700051	0.15 mm x 25 mm x 25 m	Black	5
700051-BL	0.15 mm x 19 mm x 25 m	Blue	5
700051-G	0.15 mm x 19 mm x 25 m	Green	5
700051-R	0.15 mm x 19 mm x 25 m	Red	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 policarbonato.

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	Black	5



406073

406003



406123



406121

Cod.	MAX Section (mm²)	#	
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

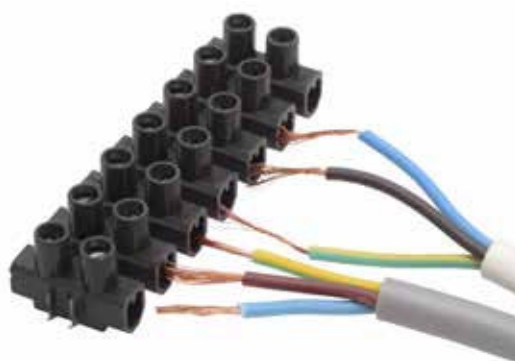
- self-extinguishing 6,6 nylon V2 UL 94;
- operating range from -40°C to 100°C;
- Max 110 N;
- Min D 2 mm;
- Max D 24 mm.

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

Morsetti “mammut” - “Mammut” clips



Cod.	MAX Section (mm²)	
406124	2,5	12
406223	4	12



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



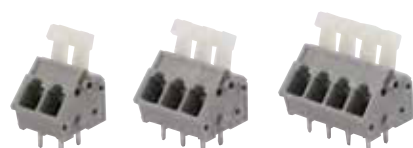
Cod.	Description	
406120	Omega rail 35 mm x 7,5	2 m

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



Cod.	MAX Sect. (mm²)	#	Wago / Weidmüller Ref. Note	
406135	2,5	1	2002-1207 (Wago)	10
406404	2,5/4	1	2002-1611 (Wago)	10
406405	2,5/4	2	2002-2211/1000-410 (Wago)	10
406118	10	1	2006-1207 (Wago)	10
406119	10	1	2006-1204 Blue plastic body	10
406119.01	10	1	Filler Plate for 406119	10
406337	2,5	1	03800460000 (Weidmüller)	10
406132.02	2,5 / 1,5	1	167430000 (Weidmüller)	10
406132.03	2,5	1	1689990000 (Weidmüller)	10
406197	2,5 / 4	2	2002-2201 (Wago)	10
406197.01	-	-	filler plate for 406197	10
406337.01	-	-	027956 - filler plate for 406337	10
406386	-	-	0383560000 - filler plate	10
406388	-	-	2002-402 (Wago)	100
406417	-	-	2002-404 (Wago)	100
406389	-	-	793-551 (Wago)	500
406307	6	-	1814690000 (Weidmüller) - fuse holder	10

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



Cod.	MAX Section (mm²)	#	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

Puntalini e connettori a crimpare - Crimp caps and eyelets

	Cod.	MAX Section (mm²)	ø screw (mm)	
	406548	35	8	100
	406596	35	10	100
	406602	35	12	100

	Cod.	MAX Section (mm²)	L (mm)	
	406529	10	15	100
	406530	16	15	100
	406531	25	15	100
	406539	35	16	100

	Cod.	Section (mm²)	ø screw (mm)	Color	
	406537	1,5 ÷ 2,5	4		100
	406538	1,5 ÷ 2,5	5		100

	Cod.	Section (mm²)	Color	
	406527	1,5 ÷ 2,5		100

	Cod.	MAX Sect. (mm²)	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

	Cod.	MAX Sect. (mm²)	L (mm)	Color	
	406612	2 X 1,5	8		100

	Cod.	Section (mm²)	ø 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

	Cod.	Section (mm²)	Color	
	406516	4 ÷ 6		100

	Cod.	Section (mm²)	Size (mm)	Color	
	406574	0,25 ÷ 1,5	6,35 x 0,8		100
	406594	1,5 ÷ 2,5	6,35 x 0,8		100

	Cod.	Section (mm²)	L (mm)	Color	
	406360-R	0,25 ÷ 1,5	25		100
	406360	1,5 ÷ 2,5	25		100
	406359	4 ÷ 6	25		100

	Cod.	Section (mm²)	Color	
	406528	4 ÷ 6		100

	Cod.	Section (mm²)	Color	
	406628	1,5 ÷ 2,5		100
	406692	1,5		100

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

	Cod.	Description	V	A	
	906603	Alimentatore Rete 13,8V 30A SW	13,8	30	1
	Cod.	Description	V	A	
	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
	Cod.	Description	Ah	
	906555	Sealed Gel battery	18	1
	0819003	Switching battery charger	-	1

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
	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
	400426	553290120040	10	12	2 NO-NC	Socket 400484	1
	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 400567.07	1
	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

Cod.	Description	
400524.01	400524 socket, DIN rail mount	1

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

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

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

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

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.

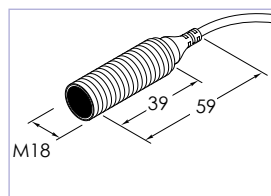
Available in pre-cabled versions with mounting nuts. Stainless steel or brass body with metric threading, NPN or PNP output. Normal open (NO) operating modality. 12/24V DC power supply.



Cod.	Omron Ref.	AxB(C) (mm)	OUT	Reading distance	Screening	Body Material	NO	NC	
401932	E2A-S08KS02-WP-B1	M8 x 27(40)	PNP	2 mm	•	Stainless steel	•		1
401928	E2A-M18KS08-WP-C1 2M	M18 x 39(59)	NPN	8 mm	•	Brass	•		1
401928.01	E2A-M18KS08-WP-B1 2M	M18 x 39(59)	PNP	8 mm	•	Brass	•		1
401929	E2A-M18LN16-WP-C1	M18 x 61(81)	NPN	16 mm		Brass	•		1
401934	E2A-M12KN08-WPB1	M12 x 34(50)	PNP	8 mm		Brass	•		1
401934.01	E2A-M12KN08-WP-C1-2M	M12 x 34(50)	NPN	8 mm		Brass	•		1
401933	E2A-M12LS04-WP-B1 2M	M12 x 56(72)	PNP	4 mm	•	Brass	•		1
401933.01	E2A-M12LS04-WP-C1-2M	M12 x 56(72)	NPN	4 mm	•	Brass	•		1
401933.02	E2A-M12KS04-WP-C2-2M	M12 x 34(50)	NPN	4 mm	•	Brass		•	1
401935	E2A-M18LS08-M1B1	M18 x 61(77)	PNP	8 mm	•	Brass	•		1
401942	E2A-M18LN16-M1-B2	M18 x 61(75)	PNP	16 mm		Brass		•	1
401944	E2A-M18LS08-M1B2	M18 x 61(77)	PNP	8 mm	•	Brass		•	1
401937	E2A-M30KS15-WP-B1 2M	M30x44(64)	PNP	15 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®

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

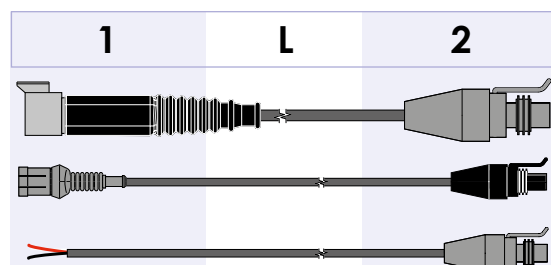
Keller® Pressure Transducers

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

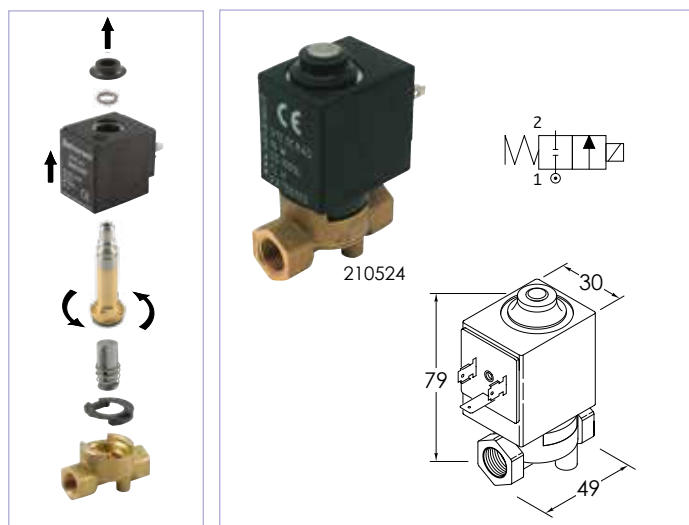
Elettrovalvole

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.



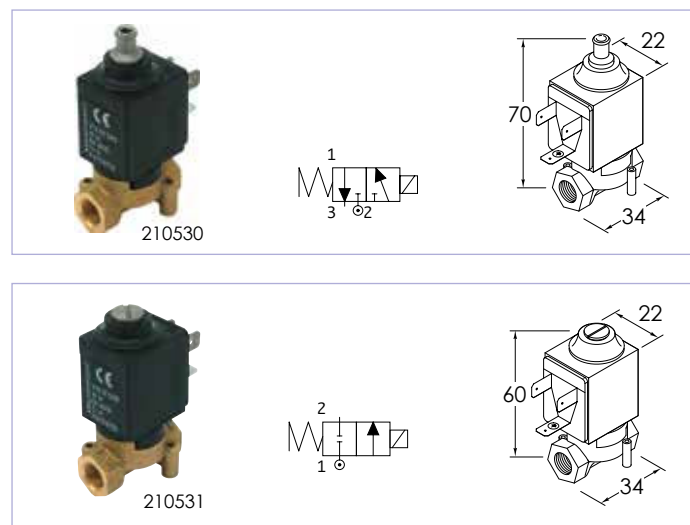
Solenoid valves

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;

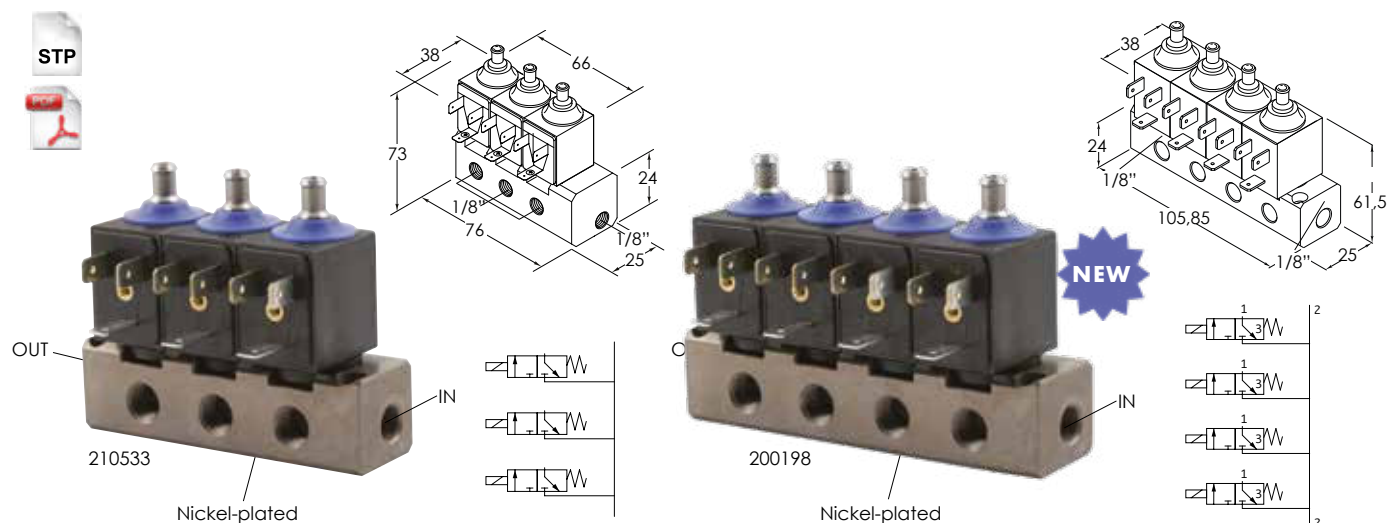
Materials used:

- 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			11	
230032	8 x 6 (5,7)		Polyurethane	-40 ÷ +60	8	100 m
230026	8 x 6 (5,7)	Transparent	Polyurethane		8	
230041	10 x 14	Transparent	Polyurethane 98MB		11	
230031	4 x 2		PA11 (Rilsan)	-40 ÷ +80	44	100 m
230006	6 x 4				27	
230005	6 x 4				27	
230028	6 x 4				27	
230017	8 x 6		PA11 (Rilsan)	-40 ÷ +80	19	100 m
230024	8 x 6				19	
230042	12x10				12	
927253H	4 x 2		Polyethylene	-10 ÷ +60	21	100 m
230038	6 x 4				13	

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	25 m
230040	13 x 19				8	100 m
230029	26 x 19					25 m
230018	17 x 12/13		PVC	-	8	50 m
230025	12 x 8		PU		20	60 m
230033	6x10	transparent	Silicone	HW/55	-	100m

Attrezzi per cablaggio - **Wiring tools**



Cod.	Description	
406363	Wire Stripper	1
406364	Wire cutter TR 25	1
406365	Wire cutter TR 30	1
406367	Scissors	1
406436	Manual hose clamp max. ø4,8	1

Cod.	Description	
406324	Multi purpose pliers	1
406371	TYCO Universal pliers	1
406368	Pliers for Pre-insulated caps 0,25 - 6 mm ²	1
406366	Small pliers	1
406438	Universal Caliper X Tub.nudi And Preis 4 - 16 mm ²	1
406439	Pre Insulated Faston Universal Caliper	1

Accessori per Deutsch® - **Deutsch® accessories**



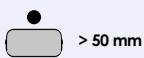
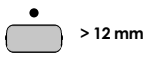
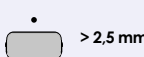
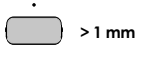
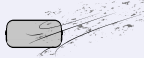
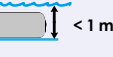
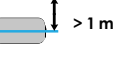
Cod.	Deutsch ref.	Description	Serie	
406125-DTM		Extractor - Metal	DTM	1
406125-DT		Extractor - Metal	DT-HPD-DRC	1
406125.02		Extractor - Plastic		1
406394	DTT-16-00	Crimp tool for DT series	DT	1
406465	HDT-48-00	Crimp tool for solid contacts	DT-HDT	1
406648		Kit Box Estrattori Deutsch	DT/DTM/DTP HD/HDP	1



Gradi di protezione IP

IP Protection grades

EN60529

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.

Portata corrente per sezione del cavo Current rate per cable section

Ø	A uso continui continuons 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		

Legenda

Legend

#	Numero di contatti Contacts number
#P	Numero di contatti di potenza Power contacts number
#s	Numero di contatti segnale Signal contacts number
#Ø	Numero di fori Number of holes
L (mm)	Lunghezza (mm) Lenght (mm)
	Quantità per confezione Quantity per package
	Misura chiave di montaggio Spanner/wrench size
	Funzioni Functions
	Funzioni Functions
	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
	Disegno 3D disponibile 3D drawing available
	Scheda tecnica disponibile Technical sheet available
	Prodotti realizzati da Salvarani Products made by Salvarani
	Prodotti commerciali Commercial products

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Electric and electronic control boxes, ISOBus for spraying and hydraulic equipments and fittings for spraying.

Salvarani



Compressors

12 VDC dry diaphragm piston compressor.

Salvarani



Spray test Equipment

Calibration and adjustments equipments for spraying boom and air blast sprayers.

aams-salvarani



 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.

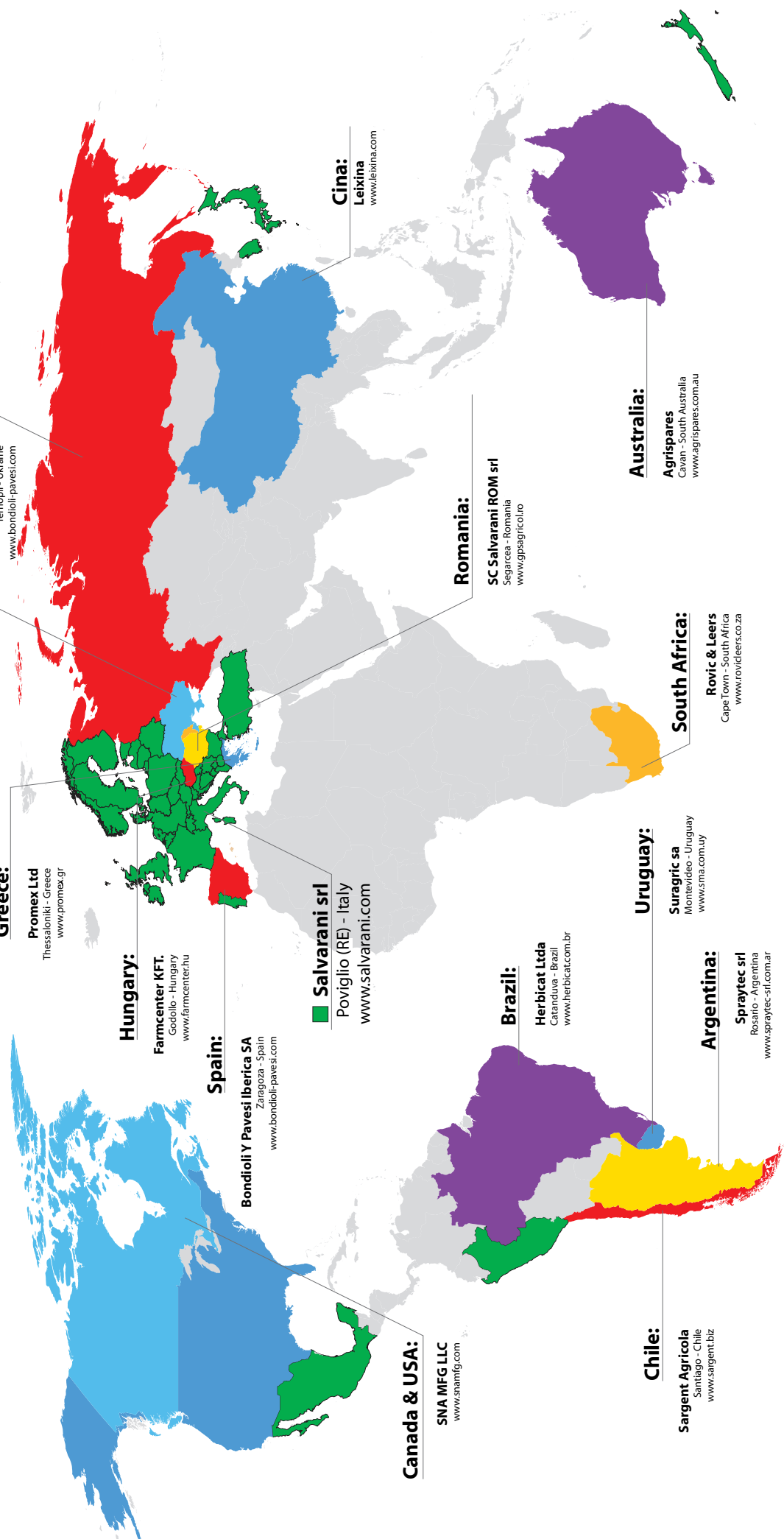
Inovação, proteção ambiental, precisão de trabalho, confiabilidade do produto e suporte são as orientações para uma contínua pesquisa que visa melhorar e criar novos produtos. Isso resulta em produtos de alto padrão tecnológico capazes de garantir competitividade e benefícios econômicos para as empresas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





Salvarani s.r.l.
Via M. Buonarroti, 2
42028 Poviglio (RE) - Italy
Phone +39 0522 969177
E-mail info@salvarani.com
www.salvarani.com