



CODICI	THS.394.A3A.x THS.394.A3A.CG.x	THS.394.A5A.x THS.394.A5A.CG.x
Numero di poli	3 poli	5 poli
Tipo di contatti	Molla	Molla
Colore	Grigio Ral 7035 (.CG) Nero	Grigio Ral 7035 (.CG) Nero
Corrente nominale	16A	16A
Tensione nominale	400V	400V
Grado di protezione IP	IP66 / IP67 / IP68	IP66 / IP67 / IP68
Sezione conduttore rigido min. - max.	0.5 mm ² - 2.5 mm ²	0.5 mm ² - 2.5 mm ²
Sezione conduttore flessibile min. - max.	0.75 mm ² - 2.5 mm ²	0.75 mm ² - 2.5 mm ²
Tensione di tenuta ad impulso	2.5kV	2.5kV
Diametro del cavo min. - max.	Gommino verde: 7.0 mm - 9.5 mm Gommino grigio: 9.0 mm - 13.0 mm	Gommino nero: 9.0 mm - 13.5 mm Gommino verde: 13.0 mm - 17.0 mm
Materiali connettori/ guarnizioni	PA6.6 / PA6.6 GF UL94 VO TPE/NBR Halogen Free / Silicone Free	PA6.6 / PA6.6 GF UL94 VO TPE/NBR Halogen Free / Silicone Free
Temperatura in funzione	+70°C	+70°C
Norma	EN60998	EN60998

NOTE DI SICUREZZA

- Scollegare la rete elettrica prima di iniziare il montaggio.
- Per evitare che polvere e umidità/acqua compromettano il funzionamento del prodotto, è consigliabile l'utilizzo dei tappi di protezione quando i connettori non sono collegati (visita www.techno.it per maggiori informazioni).

ATTENZIONE



Il connettore è dotato di parti sotto tensione!

Il connettore è prodotto nel rispetto delle normative elettriche e di sicurezza. È responsabilità di chi lo monta e lo installa rispettare i requisiti in materia di sicurezza dell'impianto e garantirsi le adeguate protezioni dalle parti sotto tensione.

NOTE



Prima del montaggio e installazione leggere con attenzione le istruzioni di montaggio! Il corretto funzionamento del prodotto è garantito solo se queste istruzioni di montaggio vengono lette e applicate con attenzione.



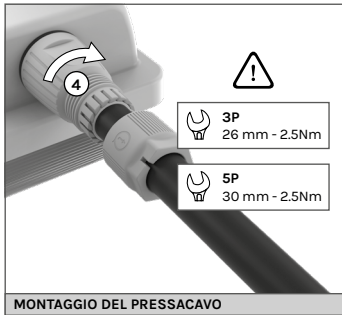
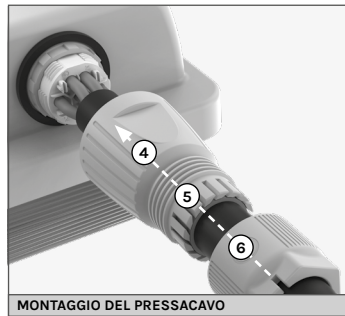
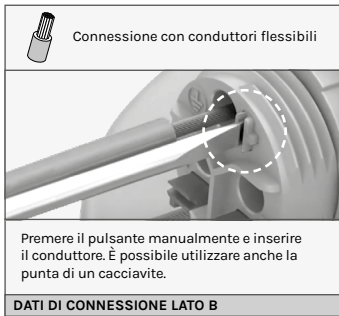
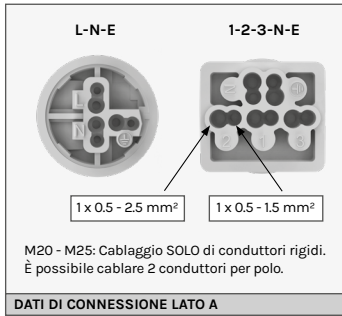
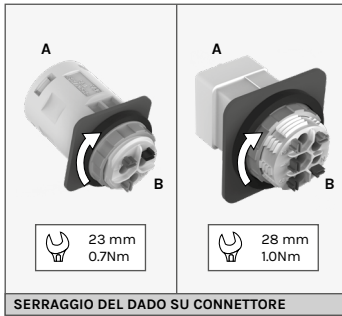
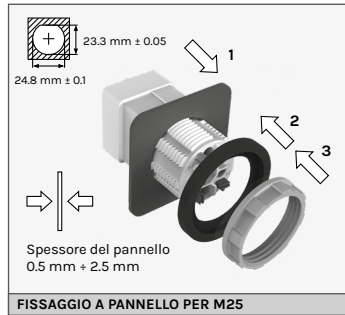
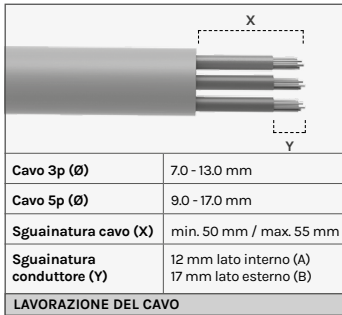
Scansiona il codice QR per maggiori informazioni.

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ILLUSTRAZIONI DI MONTAGGIO



3p M20	Cavo Ø 7.0 ~ 7.9 mm Cavo Ø 8.0 ~ 13.0 mm	4.0Nm 2.5Nm
5p M25	Cavo Ø 9.0 ~ 10.4 mm Cavo Ø 10.5 ~ 17.0 mm	4.0Nm 2.5Nm
FORZA DI SERRAGGIO DEL DADO		



CODICE DOCUMENTO: 606002059 © TECHNO S.R.L.

Eventuali migliorie sul prodotto e modifiche ai dati tecnici indicati in questo documento potranno essere effettuate senza preavviso. Contatta il nostro Servizio Clienti o visita il nostro sito web www.techno.it per conoscere gli ultimi aggiornamenti.



ITEMS	THS.394.A3A.x THS.394.A3A.CG.x	THS.394.A5A.x THS.394.A5A.CG.x
N. Poles	3 poles	5 poles
Terminations	Screwless	Screwless
Colour	Grey Ral 7035 (CG) Black	Grey Ral 7035 (CG) Black
Current rating	16A	16A
Voltage rating	400V	400V
IP rating	IP66 / IP67 / IP68	IP66 / IP67 / IP68
Solid conductor cross-section min. - max.	0.5 mm² - 2.5 mm²	0.5 mm² - 2.5 mm²
Multi stranded conductor cross-section min. - max.	0.75 mm² - 2.5 mm²	0.75 mm² - 2.5 mm²
Impulse withstand voltage	2.5kV	2.5kV
Cable diameter min. - max.	Green gasket: 7.0 mm - 9.5 mm Grey gasket: 9.0 mm - 13.0 mm	Black gasket: 9.0 mm - 13.5 mm Green gasket: 13.0 mm - 17.0 mm
Material of plastic connector / OR	PA6.6 / PA6.6 GF UL94 VO TPE/NBR Halogen Free / Silicone Free	PA6.6 / PA6.6 GF UL94 VO TPE/NBR Halogen Free / Silicone Free
Operative temperature	+70°C	+70°C
Reference regulations	EN60998	EN60998

SAFETY NOTES

- Disconnect the power supply before starting installation.
- To prevent dust and damp/water from impairing proper functioning of the product, it is advisable to use protective caps when the connectors are not connected (for further information visit our website www.techno.it).

WARNING



The connector is equipped with energized parts!

The connector is manufactured in compliance with the electrical and safety regulations. It is the responsibility of the fitter and the installer to respect the requirements in terms of safety of the system and make sure that they take all the safety measures to protect themselves from the energized parts.

NOTE



Before assembly and installation, please read the installation instructions carefully!

The proper functioning of the product is guaranteed only if these installation instructions are read and followed carefully.

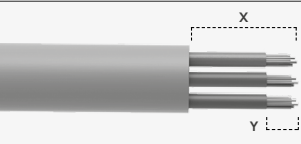


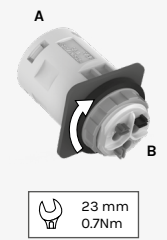
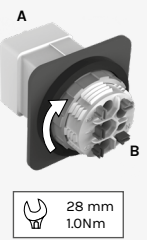
Scan the QR code for more information.

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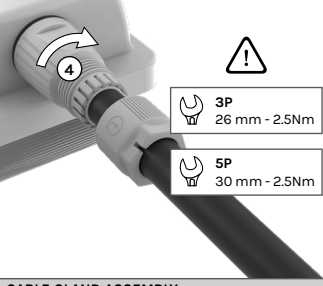
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ASSEMBLY INSTRUCTIONS

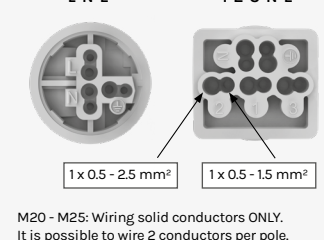
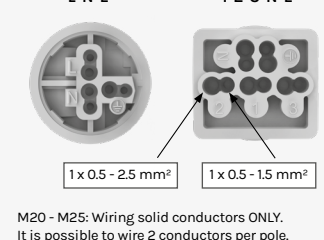
	
Cable 3p (Ø)	7.0 - 13.0 mm
Cable 5p (Ø)	9.0 - 17.0 mm
Cable sheath stripping length (X)	min. 50 mm / max. 55 mm
Conductor stripping length (Y)	12 mm internal side (A) 17 mm external side (B)
CABLE PROCESSING	

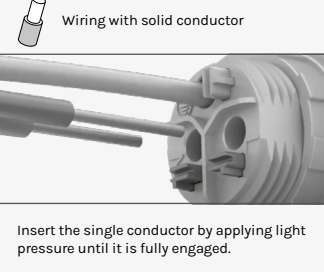
	
23 mm 0.7Nm	28 mm 1.0Nm
TIGHTENING TORQUE OF PANEL NUT	

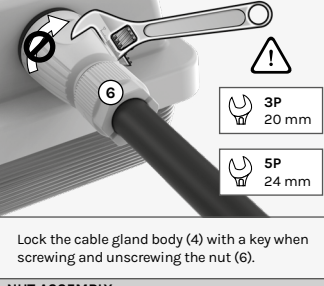
	Special slots to prevent water stagnation
Anti-rotation nut system that prevents accidental unscrewing.	
CABLE GLAND DETAILS	

	3P 26 mm - 2.5Nm 5P 30 mm - 2.5Nm
CABLE GLAND ASSEMBLY	

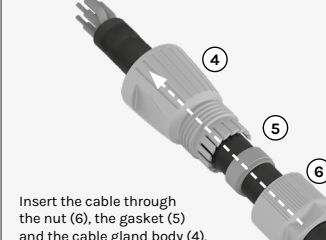
	THS.394.AxA.xx
PACKAGE DETAILS	

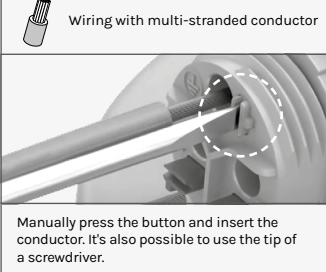
	1 x 0.5 - 2.5 mm²
	1 x 0.5 - 1.5 mm²
M20 - M25: Wiring solid conductors ONLY. It is possible to wire 2 conductors per pole.	
CONNECTION DATA SIDE A	

	Wiring with solid conductor
Insert the single conductor by applying light pressure until it is fully engaged.	
CONNECTION DATA SIDE B	

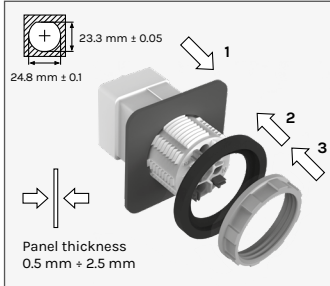
	3P 20 mm 5P 24 mm
Lock the cable gland body (4) with a key when screwing and unscrewing the nut (6).	
NUT ASSEMBLY	

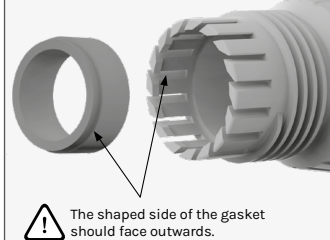
	19 mm ± 0.05 20 mm ± 0.1
Panel thickness 0.5 mm ± 2.5 mm	
PANEL FIXING DETAILS FOR M20	

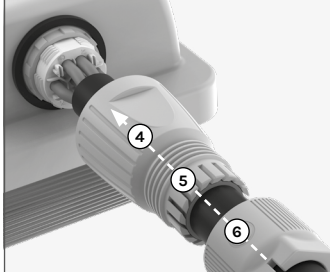
	4, 5, 6
Insert the cable through the nut (6), the gasket (5) and the cable gland body (4).	
CABLE ASSEMBLY SEQUENCE	

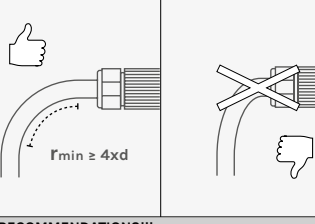
	Wiring with multi-stranded conductor
Manually press the button and insert the conductor. It's also possible to use the tip of a screwdriver.	
CONNECTION DATA SIDE B	

3p M20	Cable Ø 7.0 - 7.9 mm	4.0Nm
	Cable Ø 8.0 - 13.0 mm	2.5Nm
5p M25	Cable Ø 9.0 - 10.4 mm	4.0Nm
	Cable Ø 10.5 - 17.0 mm	2.5Nm
TIGHTENING TORQUE OF NUT		

	23.3 mm ± 0.05 24.8 mm ± 0.1
Panel thickness 0.5 mm ± 2.5 mm	
PANEL FIXING DETAILS FOR M25	

	The shaped side of the gasket should face outwards.
CABLE GLAND DETAILS	

	4, 5, 6
CABLE GLAND ASSEMBLY	

	Pay attention to the permissible bending radii during installation.
	r _{min} ≥ 4xd
RECOMMENDATIONS!!!	

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