techno
TECHNOLOGY & INNOVATION

TH394

GIUNTO A PANNELLO
IP66/IP67/IP68

MADE IN ITALY





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 mm² - 2.5 mm²	0.5 mm² - 2.5 mm²
Sezione conduttore flessibile min. - max.	0.75 mm² - 2.5 mm²	0.75 mm² - 2.5 mm²
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 V0 TPE/NBR Halogen Free / Silicone Free	PA6.6 / PA6.6 GF UL94 V0 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.

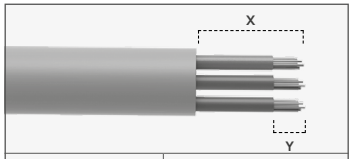
NOTE

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



Cavo 3p (Ø)	7.0 - 13.0 mm
Cavo 5p (Ø)	9.0 - 17.0 mm
Sguainatura cavo (X)	min. 50 mm / max. 55 mm
Sguainatura conduttore (Y)	12 mm lato interno (A) 17 mm lato esterno (B)

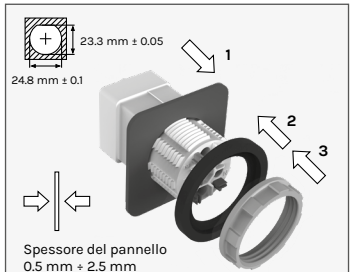
LAVORAZIONE DEL CAVO



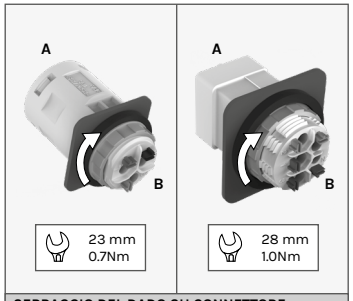
CONTENUTO DELLA CONFEZIONE



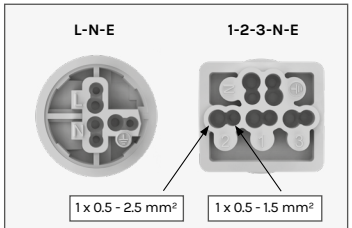
FISSAGGIO A PANNELLO PER M20



FISSAGGIO A PANNELLO PER M25

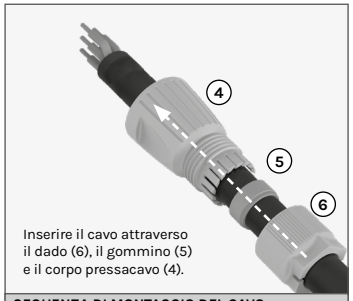


SERRAGGIO DEL DADO SU CONNETTORE



M20 - M25: Cablaggio SOLO di conduttori rigidi.
È possibile cablare 2 conduttori per polo.

DATI DI CONNESSIONE LATO A



Inserire il cavo attraverso
il dado (6), il gommino (5)
e il corpo pressacavo (4).

SEQUENZA DI MONTAGGIO DEL CAVO



Il lato sagomato del gommino
deve essere rivolto verso l'esterno

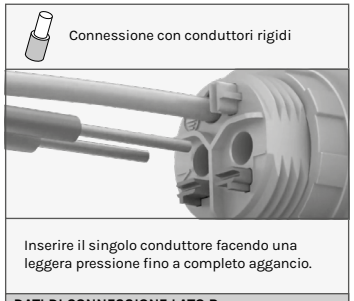
CARATTERISTICHE DEL PRESSACAVO



Speciali fessure
anti ristagno dell'acqua

Sistema anti-rotazione
del dado che ne
impedisce lo svitamento
accidentale.

CARATTERISTICHE DEL PRESSACAVO



Connessione con conduttori rigidi

Inserire il singolo conduttore facendo una
leggera pressione fino a completo aggancio.

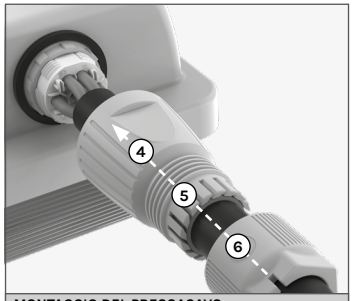
DATI DI CONNESSIONE LATO B



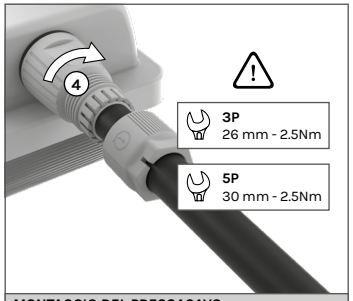
Connessione con conduttori flessibili

Premere il pulsante manualmente e inserire
il conduttore. È possibile utilizzare anche la
punta di un cacciavite.

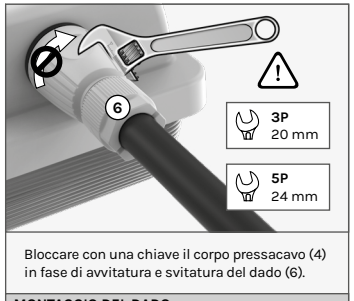
DATI DI CONNESSIONE LATO B



MONTAGGIO DEL PRESSACAVO



MONTAGGIO DEL PRESSACAVO

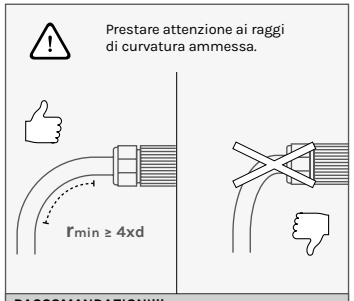


Bloccare con una chiave il corpo pressacavo (4)
in fase di avvitatura e svitatura del dado (6).

MONTAGGIO DEL DADO

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

FORZA DI SERRAGGIO DEL DADO



RACCOMANDAZIONI!!!

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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.

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TECHNOLOGY & INNOVATION

TH394

JOINT CONNECTOR PANEL MOUNTED
IP66/IP67/IP68

MADE IN ITALY





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 V0 TPE/NBR Halogen Free / Silicone Free	PA6.6 / PA6.6 GF UL94 V0 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.

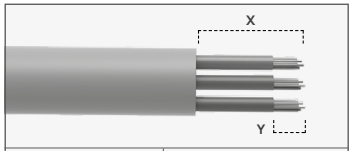
NOTE

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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ASSEMBLY INSTRUCTIONS

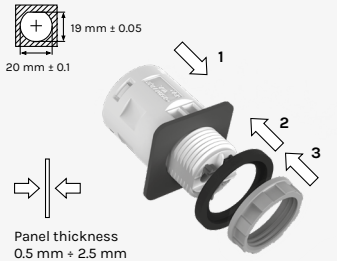


Cable 3p (Ø)	7.0 - 13.0 mm
Cable 5p (Ø)	9.0 - 17.0 mm
Cable sheath stripping lenght (X)	min. 50 mm / max. 55 mm
Conductor stripping lenght (Y)	12 mm internal side (A) 17 mm external side (B)

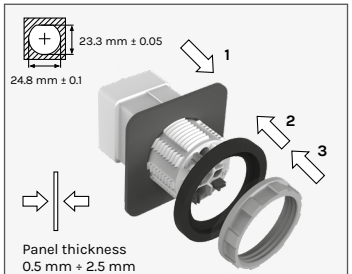
CABLE PROCESSING



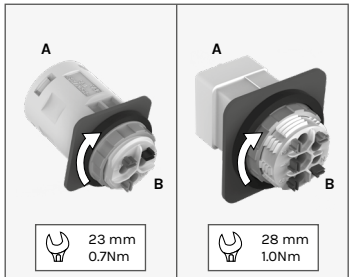
PACKAGE DETAILS



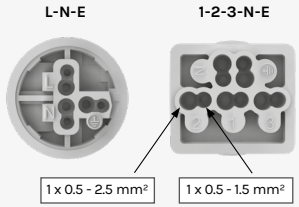
PANEL FIXING DETAILS FOR M20



PANEL FIXING DETAILS FOR M25

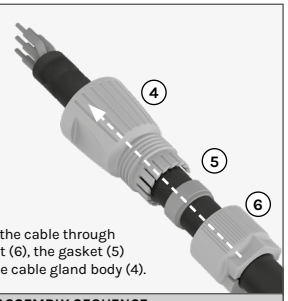


TIGHTENING TORQUE OF PANEL NUT



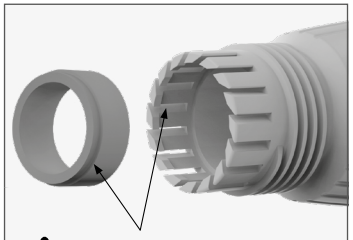
M20 - M25: Wiring solid conductors ONLY.
It is possible to wire 2 conductors per pole.

CONNECTION DATA SIDE A



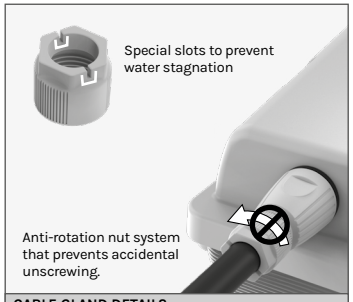
Insert the cable through the nut (6), the gasket (5) and the cable gland body (4).

CABLE ASSEMBLY SEQUENCE



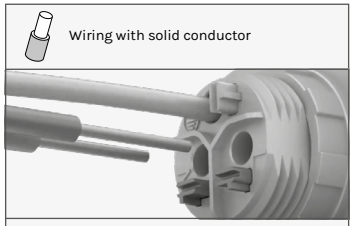
The shaped side of the gasket should face outwards.

CABLE GLAND DETAILS



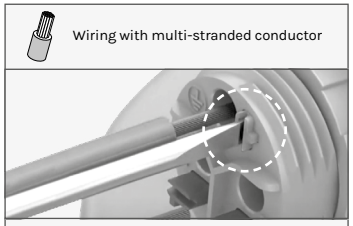
Anti-rotation nut system that prevents accidental unscrewing.

CABLE GLAND DETAILS



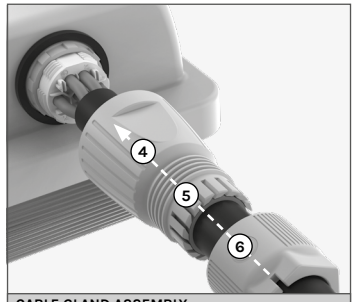
Insert the single conductor by applying light pressure until it is fully engaged.

CONNECTION DATA SIDE B

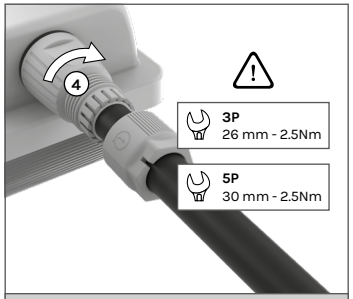


Manually press the button and insert the conductor. It's also possible to use the tip of a screwdriver.

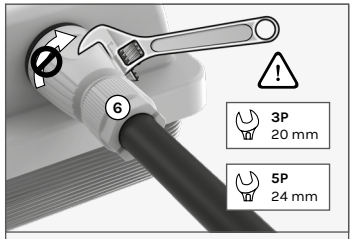
CONNECTION DATA SIDE B



CABLE GLAND ASSEMBLY



CABLE GLAND ASSEMBLY

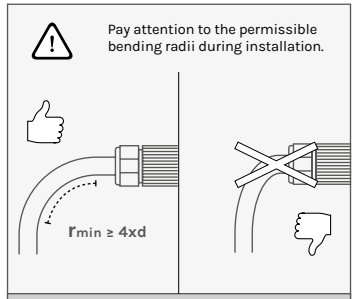


Lock the cable gland body (4) with a key when screwing and unscrewing the nut (6).

NUT ASSEMBLY

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



RECOMMENDATIONS!!!

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