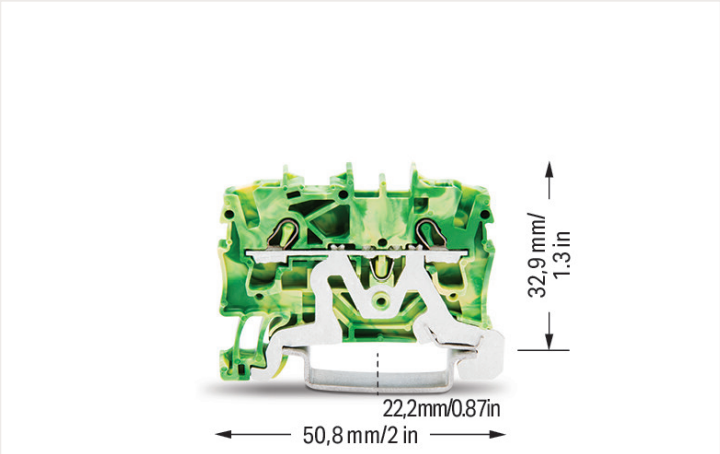
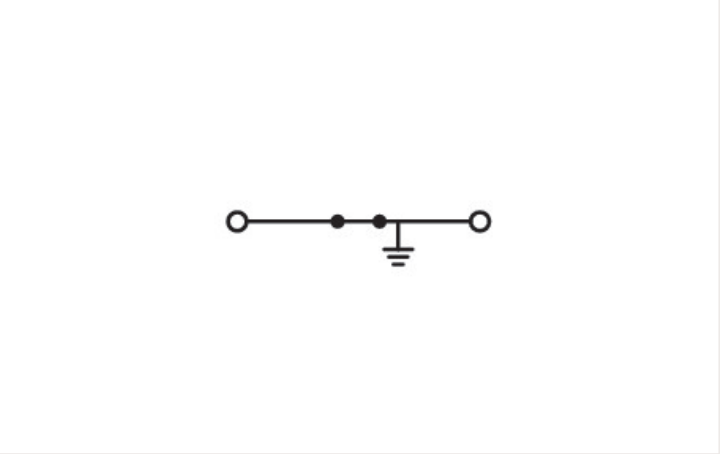
Adatlap | Cikkszám: 2002-1207

2 vezetékes földelő sorkapocs; 2,5 mm²; megfelelő Ex e II alkalmazásokhoz; oldalsó és középső jelölés; DIN 35 x 15 és DIN 35 x 7,5 sínhez; Push-in CAGE CLAMP®; 2,50 mm²; zöld-sárga





Elektromos adatok

Minősítés az IEC/EN 60664-1 szerint

Értékelés a(z) szerint	IEC/EN 60947-7-2

Robbanásvédelmi indormációk

Reference hazardous areas	See Downloads – Documentation – Additional Information: Technical Section; Technical explanations

Csatlakozástechnikai adatok

Csatlakozóhelyek száma	2
Potenciálok összes száma	1
Szintek száma	1
Áthidalások száma	2

Connection 1

Csatlakozás-technológia	Push-in CAGE CLAMP®
Beavatkozás típusa	Benyomható Működtető szerszám
Csatlakoztatható vezetékalapanyagok	Réz
Névleges keresztmetszet	2,5 mm²
Tömör vezeték	0,25 … 4 mm² / 22 … 12 AWG
Tömör vezeték, push-in (benyomható) bekötés	0,75 … 4 mm² / 18 … 12 AWG
Hajlékony vezeték	0,25 … 4 mm² / 22 … 12 AWG
Finom elemiszálas vezeték érvéghüvellyel, műanyag gallérral	0,25 … 2,5 mm² / 22 … 14 AWG

Connection 1

Finom elemiszálas vezeték érvéghüvellyel, push-in csatlakozással	1 … 2,5 mm² / 18 … 14 AWG
Megjegyzés (vezeték keresztmetszet)	A vezeték tulajdonságaitól függően kisebb keresztmetszetű vezetéket is lehet csatlakoztatni push-in csatlakoztatással.
Csupaszolási hossz	10 … 12 mm / 0.39 … 0.47 inch
Vezetékezési mód	Felső bekötés

Fizikai adatok

Szélesség	5,2 mm / 0.205 inch
Magasság	50,8 mm / 2 inch
Length from upper-edge of DIN-35 rail	32,9 mm / 1.295 inch

Mechanikai adatok

Szerelés típusa	DIN 35 kalapsín
Feliratfelület	Középső/oldalsó jelölés

Anyag információk

Note (material data)	Information on material data can be found here
Szín	zöld-sárga
Szigetelő anyagcsoport	I
Szigetelő anyaga	Poliamid 66 (PA 66)
UL 94 szerinti gyúlékonysági osztály	V0
Tűzterhelés	0.104 MJ
Tömeg	7.7 g

Környezeti feltételek

Processing temperature	85 °C

Kereskedelmi adatok

Product Group	22 (TOPJOB S)
eCl@ss 10.0	27-14-11-41
eCl@ss 9.0	27-14-11-41
ETIM 8.0	EC000901
ETIM 7.0	EC000901
Csomagolási egység	100 Stück
Csomagolás típusa	Box
Származási ország	DE
EAN/VTSZ	4017332999212
Vámtartifaszám	85369010000

Tanúsítványok / Jóváhagyások

Ex-tanúsítványok

Jóváhagyás	Szabvány	Tanúsítvány neve
AEx Underwriters Laboratories Inc.	UL 60079	E185892 (AEx eb IIC resp. Ex eb IIC)
ATEX Physikalisch Technische Bundesanstalt (PTB)	EN 60079	PTB 03 ATEX 1162 U (II 2 G Ex eb IIC Gb bzw. I M 2 Ex eb I Mb)
CCCEx CQST/CNEx	CNCA-C23-01	2020312313000238
EAC Brjansker Zertifizierungs-stelle	TP TC 012/2011	RU C-DE.AM02. B.00127/19 (Ex e IIC Gb U)
IECEx Physikalisch Technische Bundesanstalt	IEC 60079	IECEx PTB 03.0004U (Ex eb IIC Gb or Ex eb I Mb)
KTL Korea Testing Laboratory	EN IEC 60079-0,EN IEC 60079-7	19-KA4B0-0922U

Országspecifikus tanúsítványok

Jóváhagyás	Szabvány	Tanúsítvány neve
CCA DEKRA Certification B.V.	C22.2 No. 158	1536069
CCA DEKRA Certification B.V.	EN 60947	71-120369
CCA DEKRA Certification B.V.	EN 60947	NTR NL 7892

Hajózási tanúsítványok

Jóváhagyás	Szabvány	Tanúsítvány neve
ABS American Bureau of Shipping	EN 60947	20-HG1941090-PDA
BV Bureau Veritas S.A.	EN 60947	38586/A0 BV
DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2
LR Lloyds Register	EN 60947	91/20112 (E9)

UL-tanúsítványok

Jóváhagyás	Szabvány	Tanúsítvány neve
UL Underwriters Laboratories Inc.	UL 1059	E45172

Letöltések

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2002-1207

Documentation

Additional Information

Technical Section	pdf 2142.18 KB	

Bid Text

2002-1207	29.04.2019	xml 3.80 KB
2002-1207	23.04.2019	docx 14.57 KB

CAD/CAE-Data

CAD data

2D/3D Models
2002-1207

CAE data

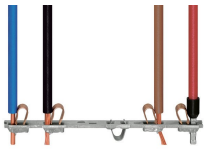
EPLAN Data Portal
2002-1207

WSCAD Universe
2002-1207

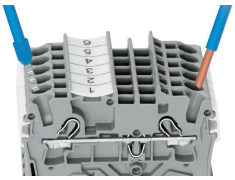
ZUKEN Portal
2002-1207

Szerelési útmutató

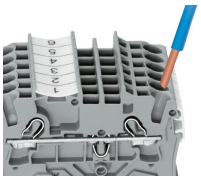
Vezetékbekötés



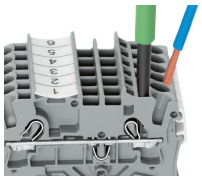
All conductor types at a glance



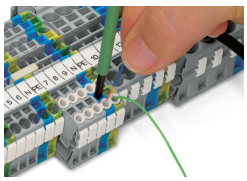
Push-in termination of solid and ferruled conductors



Inserting a conductor via push-in termination:
Solid conductors with cross-sections from either one size above, or up to two sizes below, the rated cross-section can be simply pushed in – no tools needed.

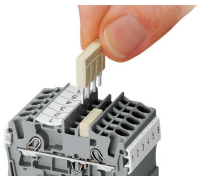


Inserting a conductor via operating tool:
Connecting fine-stranded conductors without ferrules, or small cross-sectional conductors that cannot be pushed in, is performed similarly to the original CAGE CLAMP® – just use an operating tool.
Advantage:
To open the clamp, the operating tool is inserted vertically. The conductor entry is less than 15 degrees for easier wiring.

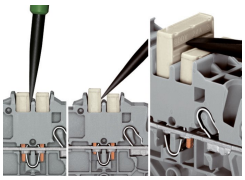


Conductor termination – insulation stop

Összekötés

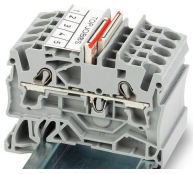


Insert push-in type jumper bar and push down until it hits backstop.

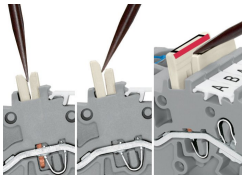


Removing a push-in type jumper bar:
Insert the operating tool between the jumper and partition wall of the dual jumper slots, then lift up the jumper.
Place the operating tool in the center of jumpers for up to five contacts (see above), or alternately on both sides for jumpers with more than five contacts.

Összekötés

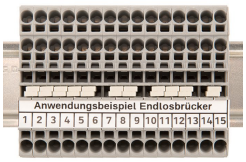


Orient the staggered jumpers' red stripes on the inside.
Insert the staggered jumper and push down until it hits the backstop.

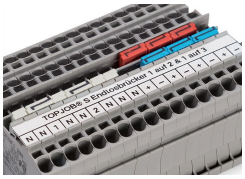


Removing a staggered jumper:
Insert the operating tool between the staggered jumpers, then lift up the jumper.

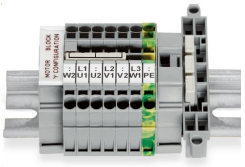
Összekötés



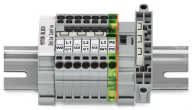
Continuous jumpers (2002 Series) readily connect an endless number of terminal blocks to each other via single jumper slot. Use the second jumper slot for additional commoning or testing.



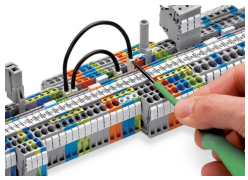
The 1-to-3 adjacent jumper for continuous commoning enables every other terminal block to be commoned. For example, positive and negative potentials can be accommodated alongside each other.



This star point jumper has been specially developed to create a “star point” and is used on motor terminal boards equipped with Rail-Mount Terminal Blocks TOPJOB® S.

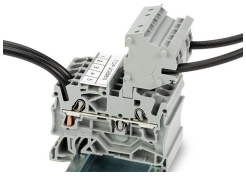


This delta jumper has been specially developed to create a delta configuration and is used on motor terminal boards equipped with rail-mount terminal blocks TOPJOB® S.

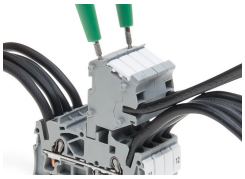


Push down the wire jumper until fully inserted. Lift the jumper with an operating tool for rewiring.

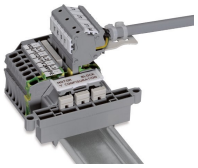
Ellenőrzés



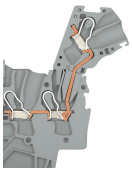
The modular TOPJOB® S connectors also connect conductors of the same size as the terminal blocks being used.



TOPJOB® S Connectors with a 2 mm Ø test socket for testing voltage via 2-pole voltage tester



Rail-mount terminal block assembly for electric motor wiring

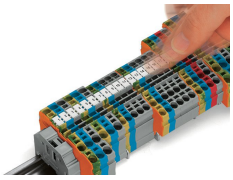


L-type test plug module – cross-sectional view of contacts

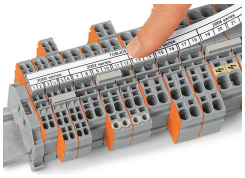
Test plug adapter (2009-174, CAT I) for 4 mm Ø plugs – compatible with 2000 to 2016 Series

Testing tap (2009-182) for tool-free connection of test cables up to 2.5 mm² (12 AWG) – compatible with 2000 to 2016 Series

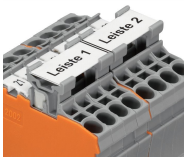
Jelölés



Snapping WMB Inline markers into marker slots.



TOPJOB® S 2009-193 Group Marker Carrier (equipped with a marking strip) for all 2001 to 2016 Series TOPJOB® S Rail-Mount Terminal Blocks
Do not use on an end plate!



Using marker carriers for marking strips (2002-161) in jumper slots.