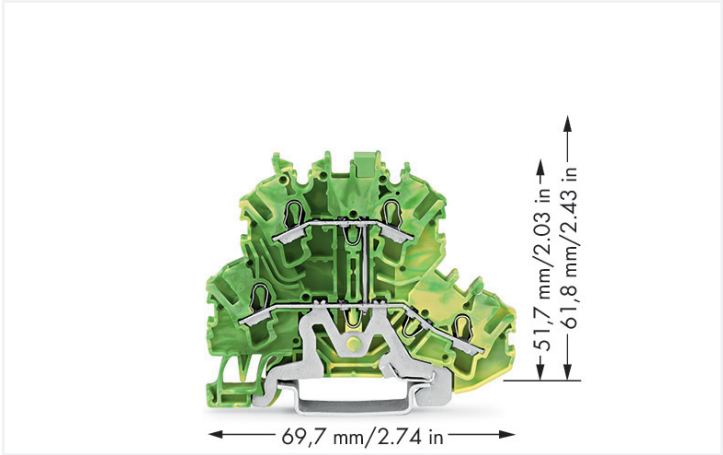


Data Sheet | Item Number: 2002-2207

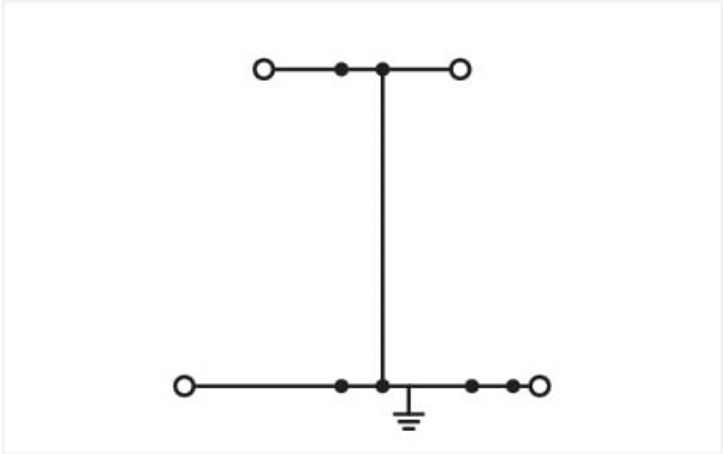
Double-deck terminal block; 4-conductor ground terminal block; 2.5 mm²; PE; suitable for Ex e II applications; without marker carrier; internal commoning; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®; 2,50 mm²; green-yellow



<https://www.wago.com/2002-2207>



Color: ■ green-yellow



Similar to illustration

Electrical data				Ex information	
Ratings per	IEC/EN 60947-7-2			Reference hazardous areas	See "Downloads – Documentation – Additional Information: Technical Section; Technical Explanations"
Overvoltage category	III	III	II	Ratings per	ATEX: PTB 03 ATEX 1162 U / IECEx: PTB 03.0004U (Ex eb IIC Gb)
Pollution degree	3	2	2		
Nominal voltage	-	-	-		
Rated surge voltage	-	-	-		
Rated current	-	-	-		

Connection data		Connection 1	
Connection points	4	Connection technology	Push-in CAGE CLAMP®
Total number of potentials	1	Actuation type	Operating tool
Number of levels	2	Connectable conductor materials	Copper
Number of jumper slots	3	Nominal cross-section	2.5 mm²
Number of jumper slots (rank)	2	Solid conductor	0.25 ... 4 mm² / 22 ... 12 AWG
		Solid conductor; push-in termination	0.75 ... 4 mm² / 18 ... 12 AWG
		Fine-stranded conductor	0.25 ... 4 mm² / 22 ... 12 AWG



Connection 1	
Fine-stranded conductor; with insulated ferrule	0.25 ... 2.5 mm² / 22 ... 14 AWG
Fine-stranded conductor; with ferrule; push-in termination	1 ... 2.5 mm² / 18 ... 14 AWG
Note (conductor cross-section)	Depending on the conductor characteristic, a conductor with a smaller cross-section can also be inserted via push-in termination.
Strip length	10 ... 12 mm / 0.39 ... 0.47 inches
Wiring direction	Front-entry wiring

Physical data	
Width	5.2 mm / 0.205 inches
Height	69.7 mm / 2.744 inches
Depth from upper-edge of DIN-rail	51.7 mm / 2.035 inches

Mechanical data	
Potential marking	PE
Mounting type	DIN-35 rail
Marking level	Center/side marking

Material data	
Note (material data)	<a href="_blank">Information on material specifications can be found here</a>
Color	green-yellow
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.206 MJ
Weight	13.5 g

Environmental requirements	
Processing temperature	-35 ... +85 °C
Continuous operating temperature	-60 ... +105 °C

Commercial data	
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
PU (SPU)	50 pcs
Packaging type	Box
Country of origin	DE
GTIN	4044918691147
Customs tariff number	85369010000



Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Approvals / Certificates

General approvals			Declarations of conformity and manufacturer's declarations		
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 60947	NTR NL 7941	ATEX-Attestation of Con- formity WAGO GmbH & Co. KG	-	-
CSA DEKRA Certification B.V.	C22.2 No. 158	1536069	EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
KEMA/KEUR DEKRA Certification B.V.	EN 60947	71-124163	Railway WAGO GmbH & Co. KG	-	Railway Ready
UL Underwriters Laboratories Inc.	UL 1059	E45172	UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-

Approvals for marine applications

Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
ABS American Bureau of Ship- ping	EN 60947	20-HG1941090-PDA	AEx Underwriters Laboratories Inc.	UL 60079	E185892 (AEx eb IIC resp. Ex eb IIC)
DNV GL Det Norske Veritas, Ger- manischer Lloyd	-	TAE00001V2	ATEX Physikalisch Technische Bundesanstalt (PTB)	EN 60079	PTB 03 ATEX 1162 U (II2G Ex eb IIC Gb, IM2 Ex eb IMb)
			CCC CNEX	GB/T 3836.3	2020312313000238 (Ex eb IIC Gb, Ex eb I Mb)
			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)
			INMETRO TÜV Rheinland do Brasil Ltda.	IEC 60079	TÜV 12.1307 U

1 Compatible Products
1.1 Required Accessories
1.1.1 End plate

1.1.1.1 End plate



<p><b>Item No.: 2002-2291</b> End and intermediate plate; 0.8 mm thick; gray</p>	<p><b>Item No.: 2002-2292</b> End and intermediate plate; 0.8 mm thick; orange</p>	<p><b>Item No.: 2002-2295</b> Separator plate; oversized upper deck; snap-fit type; 2 mm thick; gray</p>	<p><b>Item No.: 2002-2296</b> Separator plate; oversized upper deck; snap-fit type; 2 mm thick; orange</p>
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Installation Notes

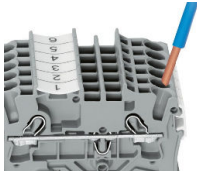
Conductor termination



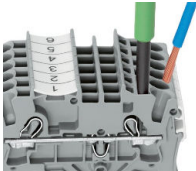
All conductor types at a glance



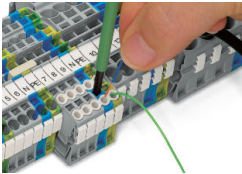
Push-in termination of solid and ferruled conductors



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.

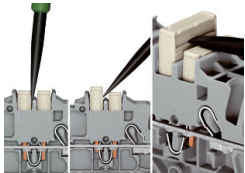


Inserting a conductor via operating tool:  
Connecting fine-stranded conductors without ferrules, or small cross-sectional conductors that cannot be pushed in, is performed similarly to the original CAGE CLAMP® – just use an operating tool.  
Advantage:  
To open the clamp, the operating tool is inserted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

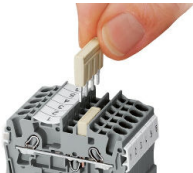


Conductor termination – insulation stop

Commoning

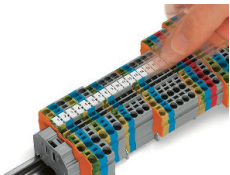


Removing a push-in type jumper bar:  
Insert the operating tool between the jumper and partition wall of the dual jumper slots, then lift up the jumper.  
Place the operating tool in the center of jumpers for up to five contacts (see above), or alternately on both sides for jumpers with more than five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

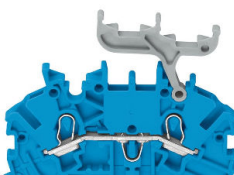
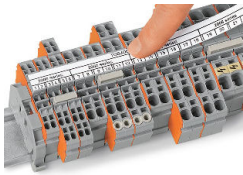


Insert push-in type jumper bar and push down until it hits backstop.

Marking



Snapping WMB Inline markers into marker slots.



Double-deck terminal blocks  
A double-deck marker carrier (2002-121) can be retrofitted to double-deck terminal blocks without a marker carrier.

