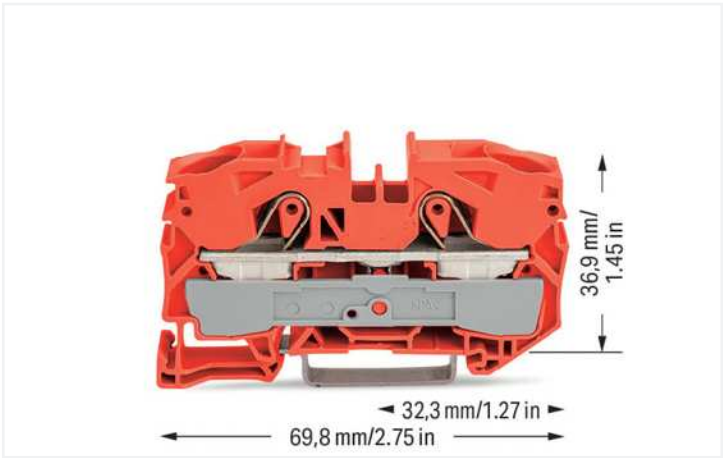


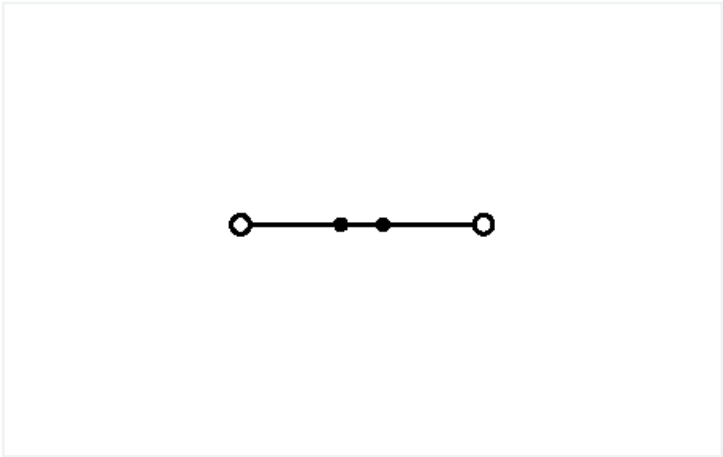
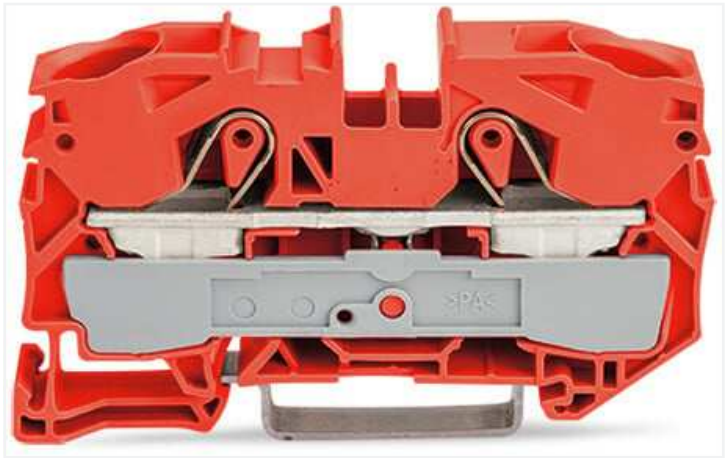
Data Sheet | Item Number: 2016-1202

2-conductor through terminal block; 16 mm²; suitable for Ex e II applications; side and center marking; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®; 16,00 mm²; orange

<https://www.wago.com/2016-1202>



Color:  orange



Similar to illustration

Electrical data			
Ratings per IEC/EN		Ratings per UL 1059	
Ratings per	IEC/EN 60947-7-1	Approvals per	UL 1059
Nominal voltage (III/3)	800 V	Rated voltage UL (Use Group B)	600 V
Rated impulse voltage (III/3)	8 kV	Rated current UL (Use Group B)	85 A
Rated current	76 A	Rated voltage UL (Use Group C)	600 V
Current at conductor cross-section (max.) mm²	90 A	Rated current UL (Use Group C)	85 A
Note (rated current)	15 mm high DIN-35 rails shall be used for a current load higher than 76 A!		
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3		

Ratings per CSA		Ex information	
Approvals per	CSA 22.2 No 158	Reference hazardous areas	See application instructions in section "Knowledge and Downloads – Documentation – Additional Information: Technical Section; Technical Explanations"
Rated voltage CSA (Use Group B)	600 V	Ratings per	ATEX: PTB 05 ATEX 1031 U / IECEx: PTB 05.0015U (Ex eb IIC Gb)
Rated current CSA (Use Group B)	80 A	Rated voltage EN (Ex e II)	550 V
Rated voltage CSA (Use Group C)	600 V		
Rated current CSA (Use Group C)	80 A		



Ex information	
Rated current (Ex e II)	70 A
Rated current (Ex e II) with jumper	67 A

Power loss	
Power loss, per pole (potential)	2.4259 W
Rated current I _N for specified power loss	76 A
Resistance value for specified, current-dependent power loss	0.00042 Ω

Connection data			
Connection points	2	Connection 1	
Total number of potentials	1	Connection technology	Push-in CAGE CLAMP®
Number of levels	1	Actuation type	Operating tool
Number of jumper slots	2	Connectable conductor materials	Copper
		Nominal cross-section	16 mm²
		Solid conductor	0.5 ... 16 mm² / 20 ... 6 AWG
		Solid conductor; push-in termination	6 ... 16 mm² / 14 ... 6 AWG
		Fine-stranded conductor	0.5 ... 25 mm² / 20 ... 4 AWG
		Fine-stranded conductor; with insulated ferrule	0.5 ... 16 mm² / 20 ... 6 AWG
		Fine-stranded conductor; with ferrule; push-in termination	6 ... 16 mm² / 10 ... 6 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	18 ... 20 mm / 0.71 ... 0.79 inches
		Wiring direction	Front-entry wiring

Physical data	
Width	12 mm / 0.472 inches
Height	69.8 mm / 2.748 inches
Depth from upper-edge of DIN-rail	36.9 mm / 1.453 inches

Mechanical Data	
Mounting type	DIN-35 rail
Marking level	Center/side marking

Material Data	
Note (material data)	Information on material specifications can be found here
Color	orange
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.382 MJ
Weight	21.7 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	27-14-11-20
eCl@ss 9.0	27-14-11-20
ETIM 8.0	EC000897
ETIM 7.0	EC000897
PU (SPU)	20 pcs
Packaging type	Box
Country of origin	DE
GTIN	4017332076555
Customs tariff number	85369010000

1 Compatible Products
1.1 Required Accessories
1.1.1 End plate
1.1.1.1 End plate



Item No.: 2016-1291 End and intermediate plate; 1 mm thick; gray	Item No.: 2016-1292 End and intermediate plate; 1 mm thick; orange	Item No.: 209-191 Separator for Ex e/Ex i applications; 3 mm thick; 120 mm wide; orange
--	--	---