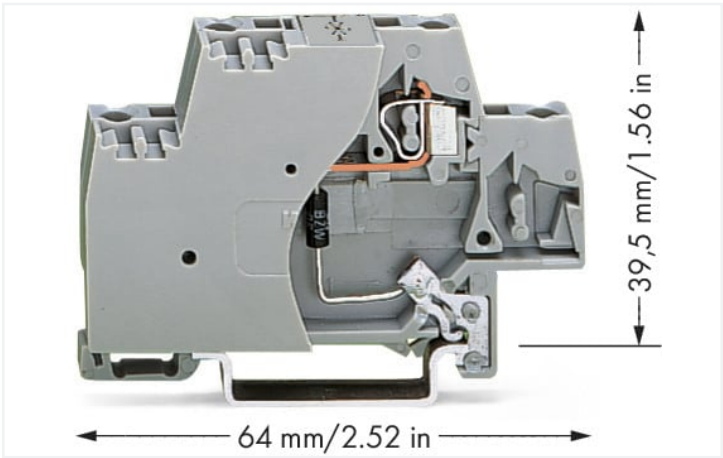
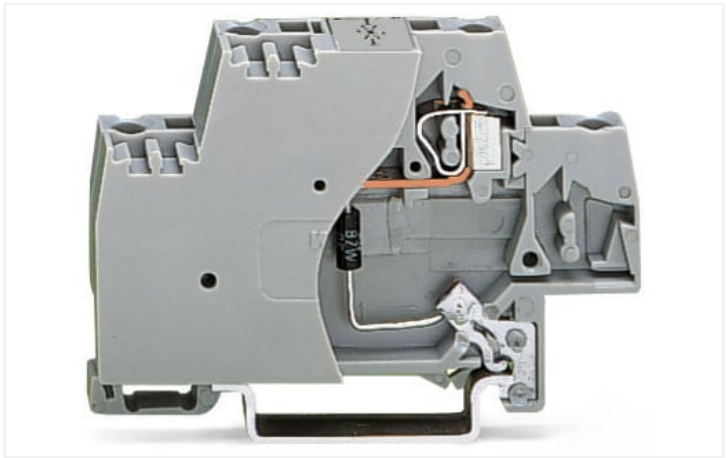


Data Sheet | Item Number: 280-502/281-595
Component terminal block; double-deck; with end plate and direct connection to DIN-rail; with 1.5KE-C TVS diode; 230 VAC; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; CAGE CLAMP®; 2,50 mm²; gray
<https://www.wago.com/280-502/281-595>

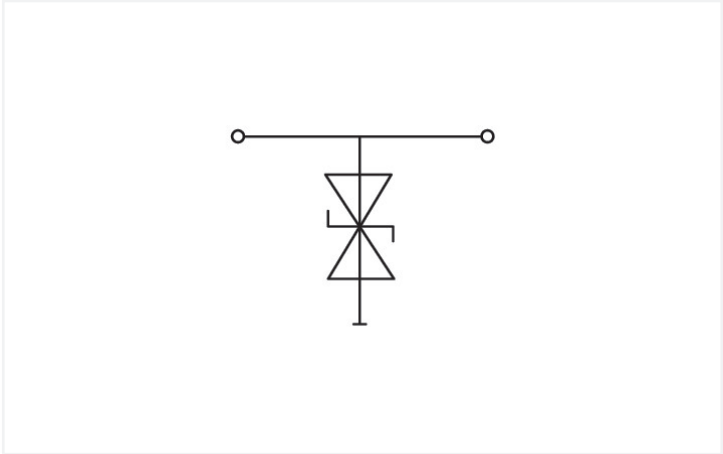


Color: ■ gray

Similar to illustration



Similar to illustration



Short description:
This component terminal block with surge suppression device, end plate and direct connection to the DIN-35 rail is equipped with a TVS diode.

Features:

- Protect your system against overvoltage
- Slim, space-saving design
- Control operational costs by preventing expensive, unplanned downtime
- High operational reliability and system uptime

Electrical data	
Nominal operating voltage	AC 230 V
Highest continuous voltage	AC 253 V
Rated continuous current	20 A
Nominal discharge current (8/20 μs) (line)	14 A
Protection level (8/20 μs)	≤ AC 706 V
Capacitance	≤ 400 pF



Connection data	
Connections (number)	2
Connection technology	CAGE CLAMP®
Solid conductor	0.08 ... 2.5 mm² / 28 ... 14 AWG
Fine-stranded conductor	0.08 ... 2.5 mm² / 28 ... 14 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inches

Physical data	
Width	10 mm / 0.394 inches
Height from upper-edge of DIN-rail	39.5 mm / 1.555 inches
Depth	64 mm / 2.52 inches

Mechanical data	
Design	with end plate; with direct connection to DIN-rail
Mounting type	DIN-35 rail

Material data	
Color	gray
Insulation material	Polyamide (PA66)
Material group	I
Flammability class per UL94	V0
Fire load	0.364 MJ
Weight	12.1 g

Environmental requirements	
Processing temperature	-35 ... +85 °C

Commercial data	
Product Group	1 (Rail Mounted Terminal Blocks)
eCl@ss 10.0	27-14-11-27
eCl@ss 9.0	27-14-11-27
ETIM 8.0	EC000903
ETIM 7.0	EC000903
PU (SPU)	50 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821860754
Customs tariff number	85369010000

Environmental Product Compliance	
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	7(a) 7(c)-I



Downloads			
Environmental Product Compliance			
Compliance Search			
Environmental Product Compliance			↓
280-502/281-595			

Documentation			
Bid Text			
280-502/281-595	19.02.2019	xml 3.31 KB	↓
280-502/281-595	11.02.2015	doc 25.50 KB	↓

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 280-502/281-595	EPLAN Data Portal 280-502/281-595
↓	↓
	WSCAD Universe 280-502/281-595
	↓
	ZUKEN Portal 280-502/281-595
	↓

1 Compatible Products	
1.1 Required Accessories	
1.1.1 End plate	
1.1.1.1 End plate	
	
Item No.: 280-340 End and intermediate plate; 2.5 mm thick; gray	Item No.: 280-341 End and intermediate plate; 2.5 mm thick; orange

1.2 Optional Accessories		
1.2.1 Insulation stop		
1.2.1.1 Insulation stop		
		
Item No.: 280-470 Insulation stop; 0.08 - 0.2 mm² "s" (0.14 mm² "f-st"); 5 pieces/strip; white	Item No.: 280-471 Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip; light gray	Item No.: 280-472 Insulation stop; 0.75 - 1 mm²; 5 pieces/strip; black

1.2.2 Jumper

1.2.2.1 Jumper



Item No.: 280-492

Jumper; 2-way; insulated; gray

1.2.3 Marking

1.2.3.1 Marker



Item No.: 2009-145

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white



Item No.: 248-501

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white

1.2.4 Tool

1.2.4.1 Operating tool



Item No.: 210-720

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured