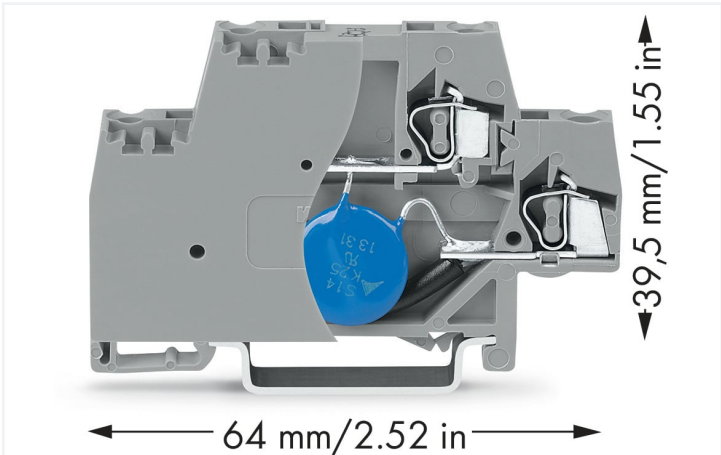


Data Sheet | Item Number: 280-944/281-589

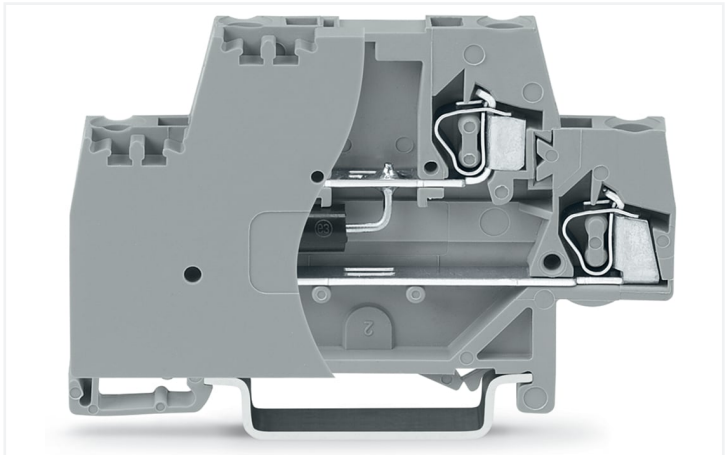
Component terminal block; double-deck; with end plate; with 1.5KE33C TVS diode; 24 VDC; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; CAGE CLAMP®; 2,50 mm²; gray

<https://www.wago.com/280-944/281-589>

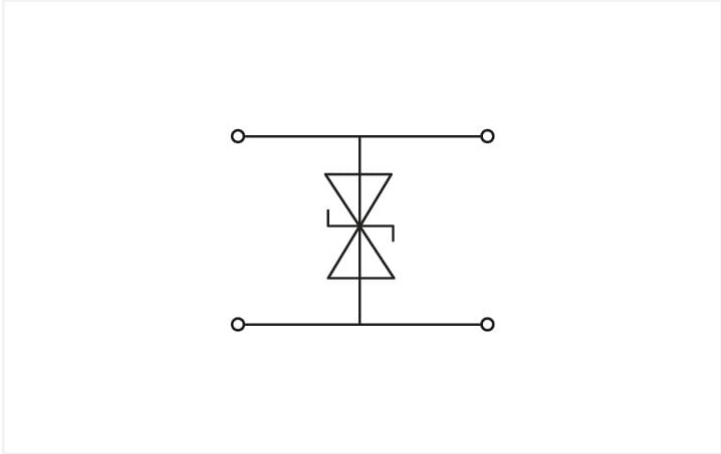


Color: ■ gray

Similar to illustration



Similar to illustration



Short description:

This component terminal block with surge suppression device and end plate 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	24 VDC
Maximum continuous voltage	28 VDC
Rated continuous current	20 A
Nominal discharge current (8/20 µs) (line)	169 A
Protection level (8/20 µs)	≤ 59 VDC
Capacitance	≤ 2.7 nF



Connection data	
Connections (number)	4
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	64 mm / 2.52 inches
Depth from upper-edge of DIN-rail	39.5 mm / 1.555 inches

Mechanical data	
Design	with end plate
Mounting type	DIN-35 rail

Material data	
Color	gray
Insulation material (main housing)	Polyamide (PA66)
Material group	I
Flammability class per UL94	V0
Fire load	0.449 MJ
Weight	13.6 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	27-14-11-20
ETIM 9.0	EC000903
ETIM 8.0	EC000903
PU (SPU)	50 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821515081
Customs tariff number	85369010000

Environmental Product Compliance	
CAS-No.	7439-92-1
REACH Candidate List Substance	Lead
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	7(a)
SCIP notification number (Austria)	36f60e91-2abb-4a81-84cd-74a8ba6aa843
SCIP notification number (Belgium)	0f8ec8aa-0af3-4497-a48d-da77118d1526
SCIP notification number (Bulgaria)	eb069abd-bf7e-47ec-8657-1693ff4eca74
SCIP notification number (Czech Republic)	21fd1b35-c860-456d-850c-d73758900088
SCIP notification number (Finland)	ca267a9c-4b32-466b-a8c0-663a15add461
SCIP notification number (France)	d598d1e0-adb4-459e-be8d-5cae90f5b70a
SCIP notification number (Germany)	590a16fc-cc88-4bb1-a37c-12e6146ef191



Environmental Product Compliance	
SCIP notification number (Hungary)	6914987f-c784-442c-88eb-b625c25801e6
SCIP notification number (Italy)	f18f81f5-05bc-4454-94f5-a743d85d03b3
SCIP notification number (Netherlands)	5b43abe0-4d78-4962-9ec7-cc3bb25dab95
SCIP notification number (Poland)	1178dea2-0ea3-4d4f-bd5c-e005edab72a3
SCIP notification number (Romania)	e6bb5718-1dff-487b-9f55-1f0839074646
SCIP notification number (Sweden)	eb458542-d85b-4b3f-807b-881f72c4b635

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 280-944/281-589	

Documentation				
Bid Text				
280-944/281-589	19.02.2019	xml 3.18 KB		
280-944/281-589	11.02.2015	doc 25.50 KB		

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 280-944/281-589	EPLAN Data Portal 280-944/281-589
	WSCAD Universe 280-944/281-589

1 Compatible Products	
1.1 Optional Accessories	
1.1.1 Insulation stop	
1.1.1.1 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
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1.1.2 Jumper

1.1.2.1 Jumper



Item No.: 280-492
Jumper; 2-way; insulated; gray

1.1.3 Marking

1.1.3.1 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

1.1.4 Tool

1.1.4.1 Operating tool



Item No.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured