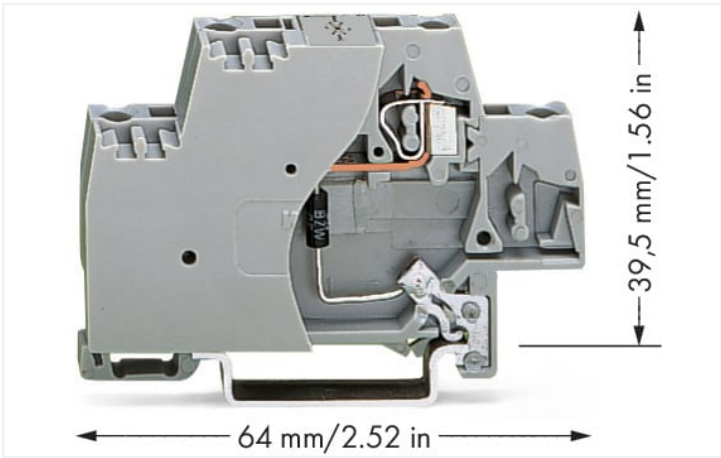


Data Sheet | Item Number: 280-502/281-591

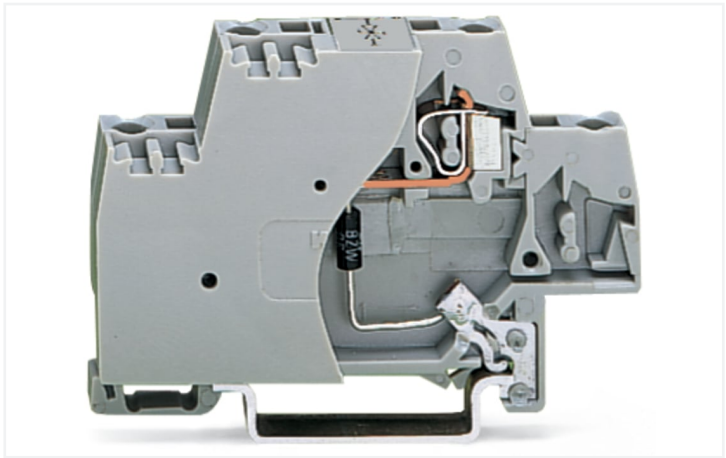
Component terminal block; double-deck; with end plate and direct connection to DIN-rail; with 1.5KE82C TVS diode; 60 VDC; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; CAGE CLAMP®; 2,50 mm²; gray

<https://www.wago.com/280-502/281-591>

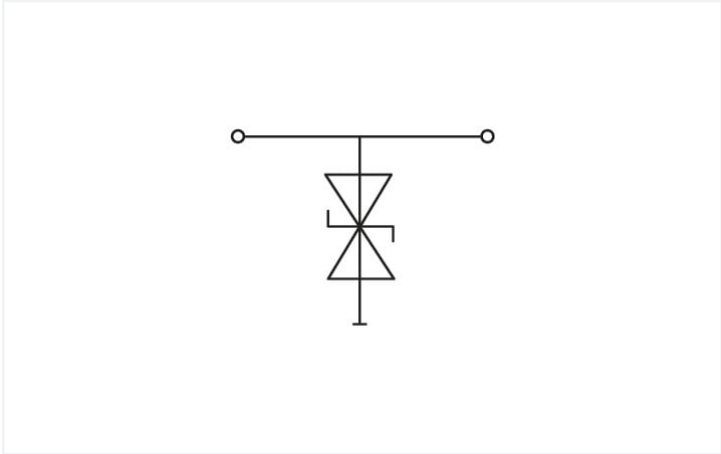


Color: ■ gray

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	60 VDC
Maximum continuous voltage	70 VDC
Rated continuous current	20 A
Nominal discharge current (8/20 μs) (line)	69 A
Protection level (8/20 μs)	≤ 146 VDC
Capacitance	≤ 1.35 nF



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	64 mm / 2.52 inches
Depth from upper-edge of DIN-rail	39.5 mm / 1.555 inches

Mechanical data	
Design	with end plate; with direct connection to DIN-rail
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	0.364 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 9.0	EC000903
ETIM 8.0	EC000903
PU (SPU)	50 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4017332262781
Customs tariff number	85369010000

Environmental Product Compliance	
CAS-No.	7439-92-1
REACH Candidate List Substance	Lead
RoHS Compliance Status	Compliant, No Exemption
SCIP notification number (Austria)	f518ade1-f57e-4444-91be-133ff39bd7fb
SCIP notification number (Belgium)	6d11cf71-62ce-45a2-b219-a5d63bdbdb39
SCIP notification number (Bulgaria)	6e475e5c-04a0-44a0-964c-0aee70a9faf6
SCIP notification number (Czech Republic)	55243a7a-60c1-4961-9215-1300c248e246
SCIP notification number (Denmark)	b3066c7c-db3a-492e-858d-766dbd3606e8
SCIP notification number (Finland)	488e1af3-58a1-4647-bcec-e94ffc556c86
SCIP notification number (France)	5f33d6c4-9ce3-442a-a230-7299f6f48859
SCIP notification number (Germany)	79f87d27-d51a-4078-9f43-e6a03ac5df04



Environmental Product Compliance	
SCIP notification number (Hungary)	dc69954e-57f5-4bb7-b3f3-3ebd0a781bcd
SCIP notification number (Italy)	dedc2316-4e16-4d0c-85f7-f5bc166702a6
SCIP notification number (Netherlands)	80e78cd0-33de-409f-b110-c3bdba64d4a5
SCIP notification number (Poland)	e8252394-3193-4e4d-be97-893ab5ac9426
SCIP notification number (Romania)	e5718321-4caa-45e0-9e52-2ca69c3c5b27
SCIP notification number (Sweden)	df6d3ce7-73c6-4d30-b204-52d1d05749d9

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 280-502/281-591	

Documentation				
Bid Text				
280-502/281-591	19.02.2019	xml 3.31 KB		
280-502/281-591	11.02.2015	doc 25.00 KB		

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 280-502/281-591	EPLAN Data Portal 280-502/281-591
	WSCAD Universe 280-502/281-591
	ZUKEN Portal 280-502/281-591

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