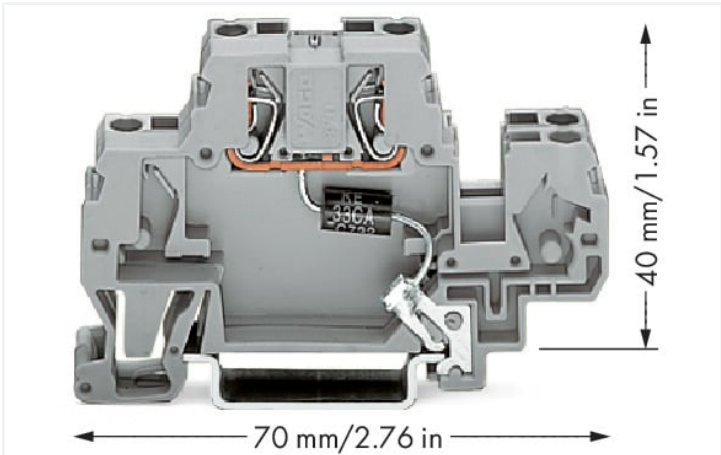
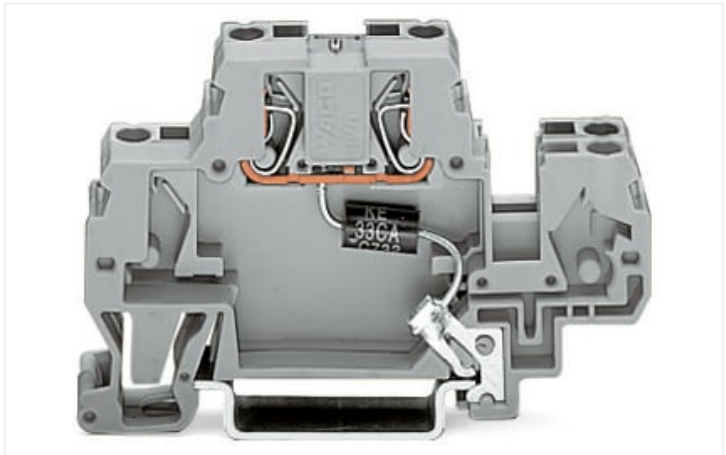
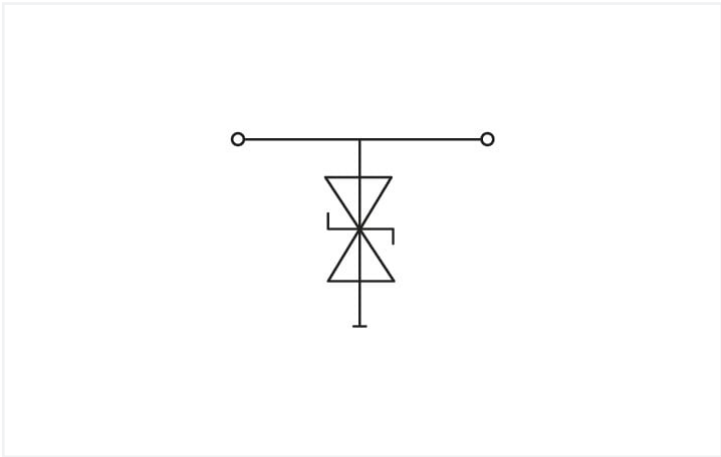




Color: ■ gray Similar to illustration



Similar to illustration



Electrical data

Nominal operating voltage	DC 48 V
Highest continuous voltage	DC 53 V
Rated continuous current	20 A
Nominal discharge current (8/20 µs) (line)	90 A
Protection level (8/20 µs)	≤ DC 111 V
Capacitance	≤ 1.7 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 ... 4 mm² / 28 ... 12 AWG
Fine-stranded conductor; with insulated ferrule	0.08 ... 1.5 mm² / 28 ... 14 AWG
Strip length	6 ... 7 mm / 0.24 ... 0.28 inches



Physical data	
Width	10 mm / 0.394 inches
Height from upper-edge of DIN-rail	40 mm / 1.575 inches
Depth	70 mm / 2.756 inches

Mechanical data	
Mounting type	DIN-35 rail

Material data	
Color	gray
Insulation material	Polyamide (PA66)
Material group	I
Flammability class per UL94	V0
Fire load	0.271 MJ
Weight	11.7 g

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

Commercial data	
Product Group	16 (Rail Mounted Terminal Blocks with CCC)
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)	25 pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821868415
Customs tariff number	85369010000

Environmental Product Compliance	
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	7(a) 7(c)-I
SCIP notification number (Bulgaria)	fcd1e0cb-243d-41e8-90b1-f7b7db8287e3
SCIP notification number (Czech Republic)	4f75d67e-aef7-4e06-84cb-f75b814e2dc5

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 870-523/281-590	



Documentation

Bid Text			
870-523/281-590	19.02.2019	xml 3.30 KB	↓
870-523/281-590	11.02.2015	doc 25.50 KB	↓

CAD/CAE-Data

CAD data
2D/3D Models 870-523/281-590



CAE data
EPLAN Data Portal 870-523/281-590
WSCAD Universe 870-523/281-590
ZUKEN Portal 870-523/281-590



1 Compatible Products

1.1 Optional Accessories

1.1.1 End plate

1.1.1.1 End plate



[Item No.: 870-518](#)
End and intermediate plate; 2 mm thick;
gray

[Item No.: 870-519](#)
End and intermediate plate; 2 mm thick;
orange

1.1.2 Insulation stop

1.1.2.1 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

1.1.3 Jumper

1.1.3.1 Jumper



[Item No.: 280-492](#)
Jumper; 2-way; insulated; gray



1.1.4 Marking

1.1.4.1 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

1.1.5 Tool

1.1.5.1 Operating tool



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