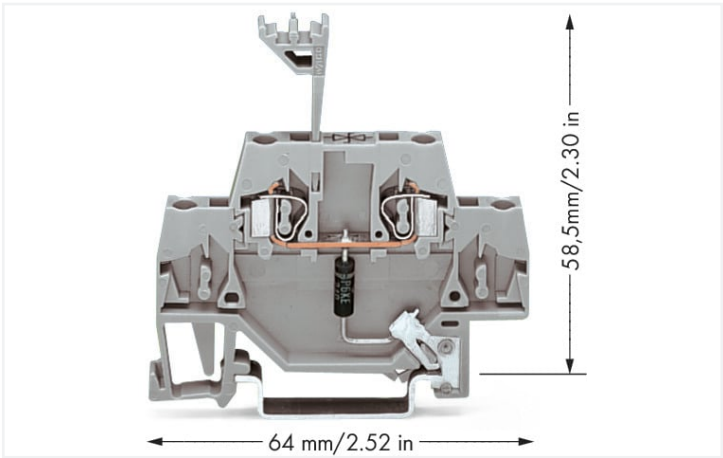
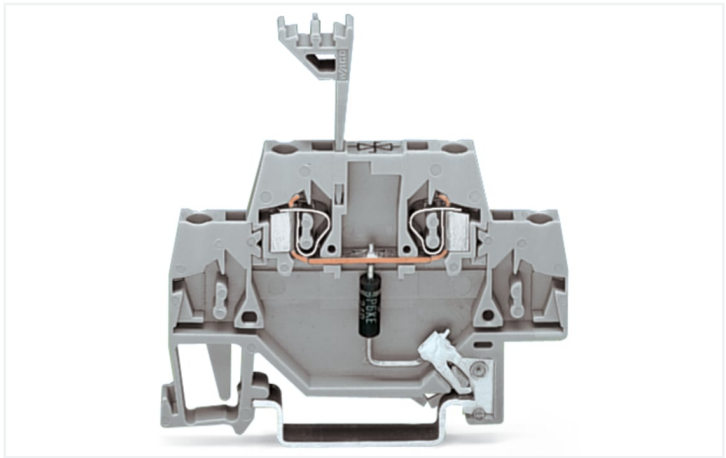


Data Sheet | Item Number: 280-502/281-606
Component terminal block; double-deck; with direct connection to DIN rail; with BZW06-40B TVS diode; 24 VAC; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; CAGE CLAMP®; 2,50 mm²; gray
<https://www.wago.com/280-502/281-606>

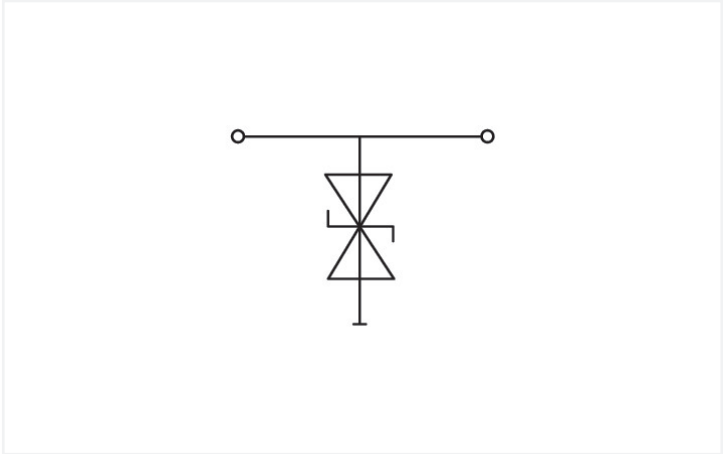


Color: ■ gray

Similar to illustration



Similar to illustration



- Short description:**
WAGO's component terminal block with single-stage surge suppression device and direct connection to 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	24 VAC
Maximum continuous voltage	28 VAC
Rated continuous current	20 A
Nominal discharge current (10/1000 µs) (line)	9.3 A
Protection level (10/1000 µs)	≤ 65 VAC
Capacitance	≤ 800 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	5 mm / 0.197 inches
Height	64 mm / 2.52 inches
Depth from upper-edge of DIN-rail	58.5 mm / 2.303 inches

Mechanical data	
Design	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	0.246 MJ
Weight	8.2 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	4050821860808
Customs tariff number	85369010000

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



Downloads			
Environmental Product Compliance			
Compliance Search			
Environmental Product Compliance			↓
280-502/281-606			

Documentation			
Bid Text			
280-502/281-606	19.02.2019	xml 3.27 KB	↓
280-502/281-606	11.02.2015	doc 25.00 KB	↓

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 280-502/281-606	EPLAN Data Portal 280-502/281-606
↓	↓
	WSCAD Universe 280-502/281-606
	↓
	ZUKEN Portal 280-502/281-606
	↓

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.: 280-490
Jumper; 10-way; insulated; gray



Item No.: 280-482
Jumper; 2-way; insulated; gray



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



Item No.: 280-483
Jumper; 3-way; insulated; gray



Item No.: 280-484
Jumper; 4-way; insulated; gray



Item No.: 280-485
Jumper; 5-way; insulated; gray

1.2.3 Marking

1.2.3.1 Marker



Item No.: 793-502
WMB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 793-503
WMB marking card; as card; MARKED; 11 ... 20 (10x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 793-504
WMB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 793-505
WMB marking card; as card; MARKED; 31 ... 40 (10x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 793-506
WMB marking card; as card; MARKED; 41 ... 50 (10x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 793-501
WMB marking card; as card; not stretchable; plain; snap-on type; white



Item No.: 2009-115
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; 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