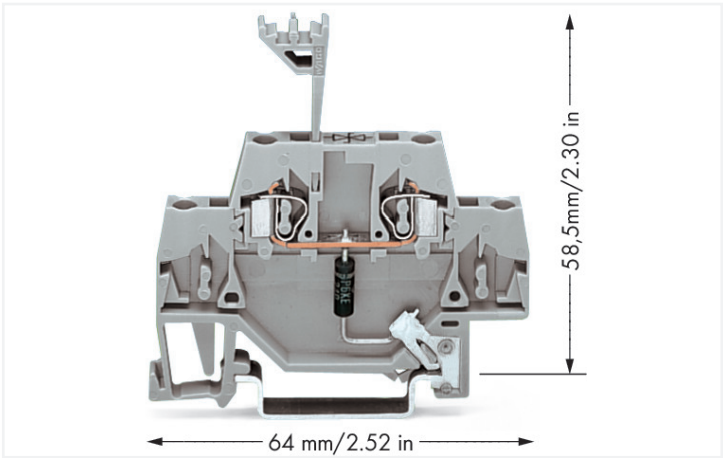
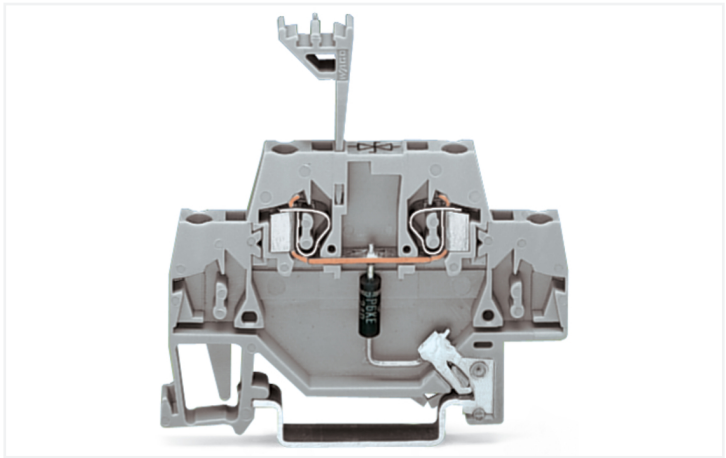


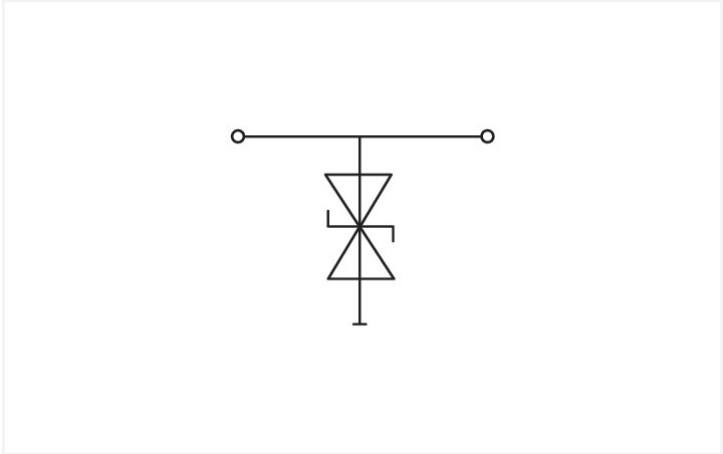
Data Sheet | Item Number: 280-502/281-602
Component terminal block; double-deck; with direct connection to DIN rail; with P6KE36C TVS diode; 24 VDC; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; CAGE CLAMP®; gray
<https://www.wago.com/280-502/281-602>



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

Notes	
Safety Information	<ul style="list-style-type: none">- Installation must be performed by qualified personnel only.- The DIN-rail must be grounded.- The input current must be protected by a suitable fuse.- Protection against contact with stored charges must be ensured.- Do not insert or remove pluggable modules when energized.- The IP20 protection rating must be maintained in the assembled state or when using an end/intermediate plate compatible with the rail-mount terminal block.



Electrical data		
Nominal operating voltage		24 VDC
Maximum continuous voltage		30.8 VDC
Rated continuous current		20 A
Nominal discharge current (10/1000 µs) (line)		12 A
Protection level (10/1000 µs)		≤ 50 VDC
Capacitance		≤ 1000 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		8.5 g

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

Commercial data		
Product Group		1 (Rail Mounted Terminal Blocks)
PU (SPU)		50 pcs
Packaging type		Box
Country of origin		CN
GTIN		4045454194239
Customs tariff number		85369010000



Product classification	
UNSPSC	39121410
eCl@ss 10.0	27-14-11-27
eCl@ss 9.0	27-14-11-27
ETIM 9.0	EC000903
ETIM 8.0	EC000903
ECCN	NO US CLASSIFICATION

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 (Bulgaria)	82064447-ea3b-48e1-9857-74193bef869b
SCIP notification number (Czech Republic)	124180cd-d938-4010-abca-c1732caaac99

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance280-502/281-602

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Documentation			
Bid Text			
280-502/281-602	19.02.2019	xml 3.27 KB	↓
280-502/281-602	11.02.2015	doc 25.00 KB	↓

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 280-502/281-602	EPLAN Data Portal 280-502/281-602
	WSCAD Universe 280-502/281-602
	ZUKEN Portal 280-502/281-602



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