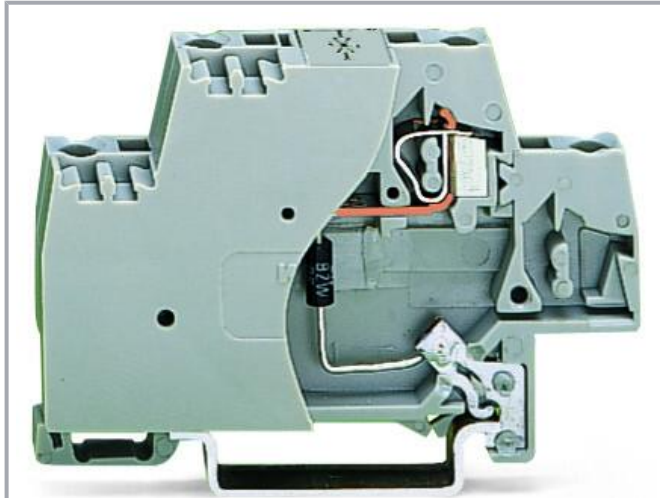


Data sheet | Item number: 280-502/281-591

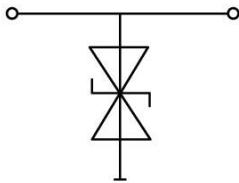
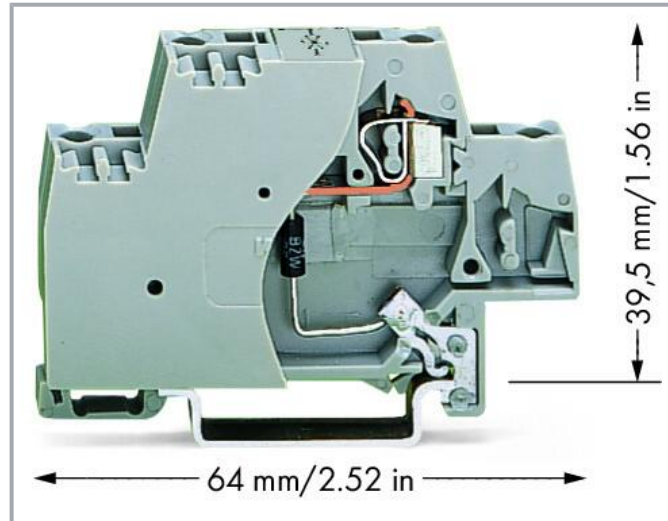
Component terminal block; double-deck; with end plate and direct connection to DIN-rail; with 1.5KE82C TVS diode; 60 VDC; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; CAGE CLAMP®; 2,50 mm²; gray

www.wago.com/280-502/281-591



 Picture differs from the item.

Color: 



Item description

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

Subject to changes. Please also observe the further product documentation!

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Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



Data

Electrical data

Nominal operating voltage	DC 60 V
Highest continuous voltage	DC 70 V
Rated continuous current	20 A
Nominal discharge current (8/20 µs) (line)	69 A
Protection level (8/20 µs)	≤ DC 146 V
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 from upper-edge of DIN-rail	39.5 mm / 1.555 inches
Depth	64 mm / 2.52 inches

Mechanical data

Design	with end plate; with direct connection to DIN-rail
Mounting type	DIN-35 rail

Material data

Color	gray
Insulation material	Polyamide (PA66)
Material group	I
Flammability class per UL94	V0
Fire load	0.364 MJ
Weight	12.1 g

Subject to changes. Please also observe the further product documentation!



Environmental requirements

Processing temperature	-35 ... +85 °C
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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 8.0	EC000903
ETIM 7.0	EC000903
ECCN	NO DATA
PU (SPU)	50 (1) pcs
Packaging type	box
Country of origin	DE
GTIN	4017332262781
Customs tariff number	85369010000

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Required accessories

End plate

End plate



Item no.: 280-341

End and intermediate plate; 2.5 mm thick; orange

www.wago.com/280-341

Item no.: 280-340

End and intermediate plate; 2.5 mm thick; gray

www.wago.com/280-340

Optional accessories

Jumpers

Jumper



Item no.: 280-492

Jumper; 2-way; insulated; gray

www.wago.com/280-492

Marking accessories

Marker

Subject to changes. Please also observe the further product documentation!

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**Item no.: 2009-145**

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

www.wago.com/2009-145**Item no.: 248-501**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white

www.wago.com/248-501**Tool**

Operating tool

**Item no.: 210-720**

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

www.wago.com/210-720**Insulation stop**

Insulation stop

**Item no.: 280-472**Insulation stop; 0.75 - 1 mm²; 5 pieces/strip; blackwww.wago.com/280-472**Item no.: 280-470**Insulation stop; 0.08 - 0.2 mm² "s" (0.14 mm² "f-st"); 5 pieces/strip; whitewww.wago.com/280-470**Item no.: 280-471**Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip; light graywww.wago.com/280-471**Downloads****Documentation****Bid Text**

280-502/281-591 X81 - Datei	2019 年2月19 日	xml 3.4 kB	Download
280-502/281-591 doc - Datei	2015 年2月11 日	doc 25.6 kB	Download

Additional Information

Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 2022 年8月18 日	pdf 2.2 MB	Download
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CAD/CAE-Data**CAD data**

2D/3D Models 280-502/281-591

Subject to changes. Please also observe the further product documentation!

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	URL	Download
CAE data		
EPLAN Data Portal 280-502/281-591	URL	Download
WSCAD Universe 280-502/281-591	URL	Download
ZUKEN Portal 280-502/281-591	URL	Download
EPLAN Data Portal 280-502/281-591	URL	Download
WSCAD Universe 280-502/281-591	URL	Download
Asset Administration Shell		
Asset Administration Shell 280-502/281-591	URL	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 280-502/281-591	URL	Download
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Installation Notes

Subject to changes. Please also observe the further product documentation!