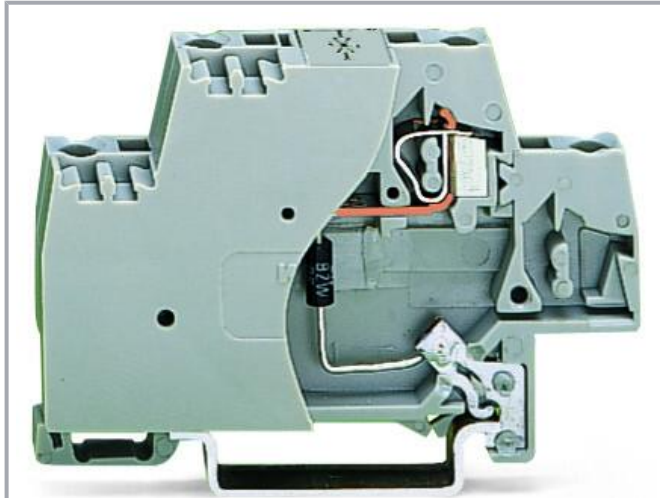


Data sheet | Item number: 280-502/281-594

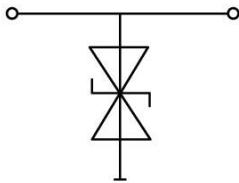
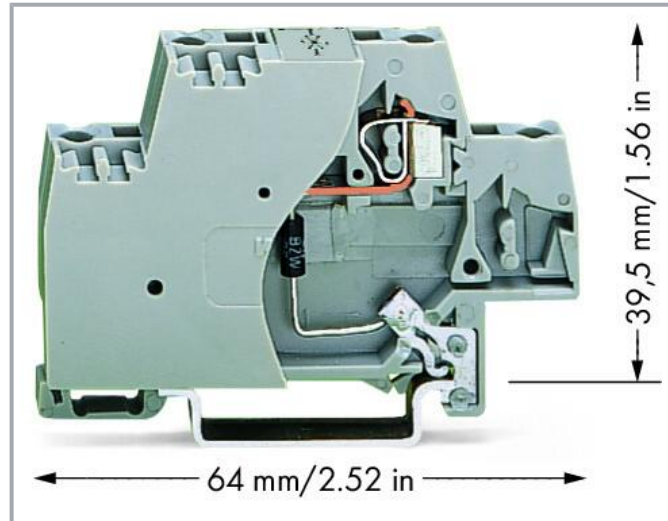
Component terminal block; double-deck; with end plate and direct connection to DIN-rail; with 1.5KE-C TVS diode; AC 115 V; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; CAGE CLAMP®; 2,50 mm²; gray

www.wago.com/280-502/281-594



 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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Data

Electrical data

Nominal operating voltage	AC 115 V
Highest continuous voltage	AC 133 V
Rated continuous current	20 A
Nominal discharge current (8/20 µs) (line)	26 A
Protection level (8/20 µs)	≤ AC 388 V
Capacitance	≤ 630 pF

Connection data

Connections (number)	2
Connection technology	CAGE CLAMP®
Solid conductor	0.08 ... 2.5 mm ² / 28 ... 14 AWG
Fine-stranded conductor	0.08 ... 2.5 mm ² / 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	0.378 MJ
Weight	12 g

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



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 8.0	EC000903
ETIM 7.0	EC000903
ECCN	NO DATA
PU (SPU)	50 pcs
Packaging type	box
Country of origin	DE
GTIN	4045454516000
Customs tariff number	85369010000

Environmental Product Compliance

RoHS Compliance Status	Compliant, With Exemption
RoHS Exemption	7(a) 7(c)-I

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

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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 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

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

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

Downloads

Documentation

Bid Text

280-502/281-594	2019 年2月19 日	xml	Download
X81 - Datei		3.4 kB	

280-502/281-594	2015 年2月11 日	doc	Download
doc - Datei		26.1 kB	

Additional Information

Disposal and Recycling	V 1.1.0	pdf	Download
Electrical and electronic equipment, Batteries, Packaging	2022 年8月18 日	2.2 MB	

CAD/CAE-Data

CAD data

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

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2D/3D Models 280-502/281-594

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Environmental Product Compliance**Compliance Search**

Environmental Product Compliance 280-502/281-594

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Component terminal block; double-deck; with end plate and direct connection to DIN-rail; with 1.5KE-C TVS diode; AC 115 V; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; CAGE CLAMP®; 2,50 mm²; gray

Installation Notes

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