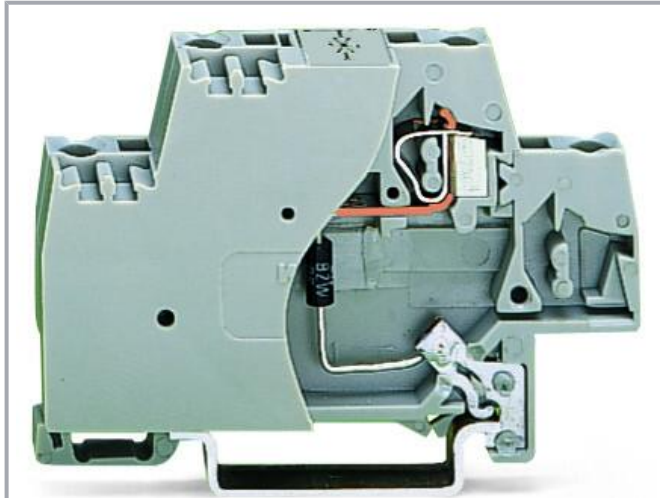


Data sheet | Item number: 280-502/281-592

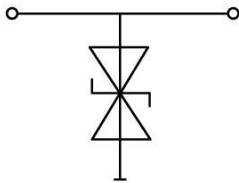
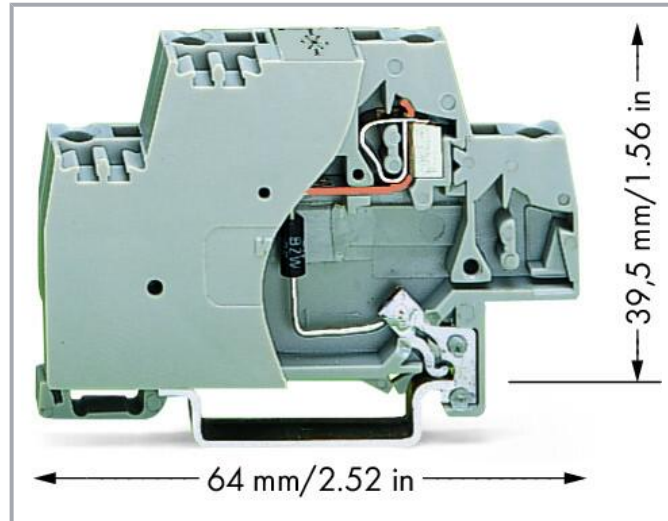
Component terminal block; double-deck; with end plate and direct connection to DIN-rail; with 1.5KE150C TVS diode; 110 VDC; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; CAGE CLAMP®; 2,50 mm²; gray

www.wago.com/280-502/281-592



 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!

WAGO GmbH & Co. KG

Hansastr. 27

32423 Minden

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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 110 V
Highest continuous voltage	DC 128 V
Rated continuous current	20 A
Nominal discharge current (8/20 µs) (line)	38 A
Protection level (8/20 µs)	≤ DC 265 V
Capacitance	≤ 850 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	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	12.2 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 pcs
Packaging type	box
Country of origin	DE
GTIN	4017332262798
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

Insulation stop

Insulation stop		
	Item no.: 280-472 Insulation stop; 0.75 - 1 mm²; 5 pieces/strip; black	www.wago.com/280-472

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

**Item no.: 280-470**

Insulation stop; 0.08 - 0.2 mm² "s" (0.14 mm² "f-st"); 5 pieces/strip; white

www.wago.com/280-470**Item no.: 280-471**

Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip; light gray

www.wago.com/280-471**Marking accessories****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**Jumpers****Jumper****Item no.: 280-492**

Jumper; 2-way; insulated; gray

www.wago.com/280-492**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**

Item no.	Release date	File type	File size	Action
280-502/281-592	2019 年2月19 日	xml	3.4 kB	Download

X81 - Datei

280-502/281-592	2015 年2月11 日	doc	25.6 kB	Download
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doc - Datei

Additional Information

Item no.	Release date	File type	File size	Action
280-502/281-592	2022 年8月18 日	pdf	2.2 MB	Download

Electrical and electronic equipment, Batteries, Packaging

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

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CAD/CAE-Data

CAE data

EPLAN Data Portal 280-502/281-592	URL	Download
WSCAD Universe 280-502/281-592	URL	Download
EPLAN Data Portal 280-502/281-592	URL	Download
WSCAD Universe 280-502/281-592	URL	Download
ZUKEN Portal 280-502/281-592	URL	Download

CAD data

2D/3D Models 280-502/281-592	URL	Download
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Asset Administration Shell

Asset Administration Shell 280-502/281-592	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 280-502/281-592	URL	Download
Component terminal block; double-deck; with end plate and direct connection to DIN-rail; with 1.5KE150C TVS diode; 110 VDC; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm ² ; CAGE CLAMP®; 2,50 mm ² ; gray		

Installation Notes

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

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