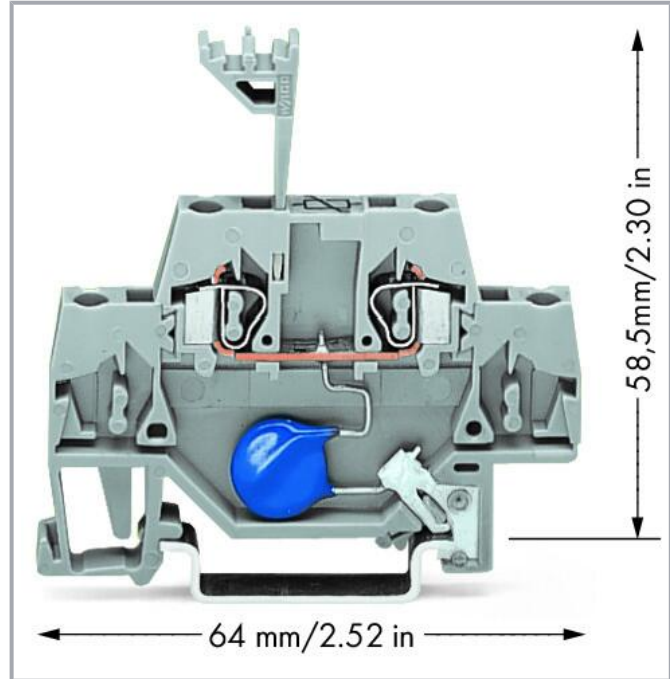
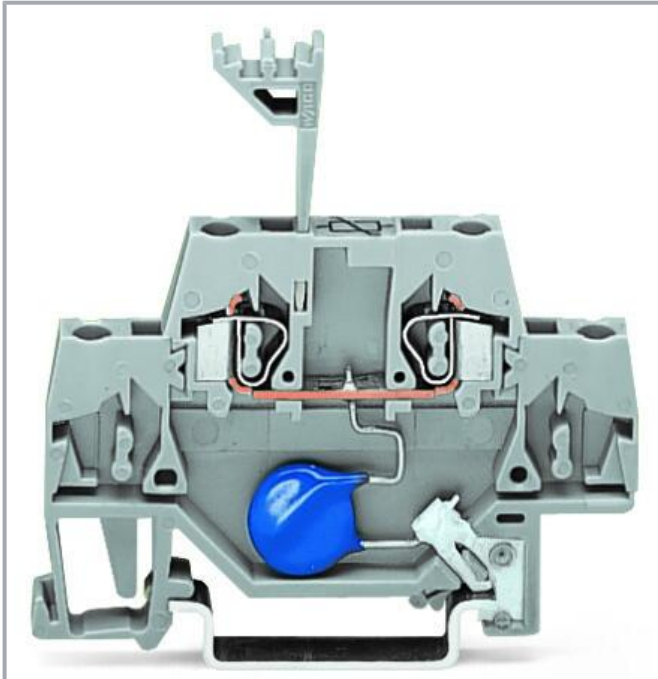


Data sheet | Item number: 280-502/281-613

Component terminal block; double-deck; with varistor; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; CAGE CLAMP®; 2,50 mm²; gray

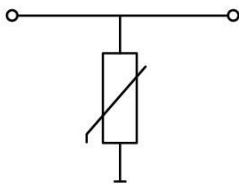


www.wago.com/280-502/281-613



i Picture differs from the item.

Color:



Item description

Short description:

WAGO's component terminal block with single-stage surge suppression device and direct connection to DIN-35 rail is equipped with a varistor.

Features:

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

WAGO GmbH & Co. KG
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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.



- Protect your system against overvoltage
- Slim, space-saving design
- Control operational costs by preventing expensive, unplanned downtime
- High operational reliability and system uptime

Data

Electrical data

Nominal operating voltage	AC 24 V
Highest continuous voltage	AC 30 V
Rated continuous current	20 A
Nominal discharge current (8/20 μ s) (line)	60 A
Discharge current (max.)	0.25 kA
Protection level (8/20 μ s)	\leq AC 93 V
Capacitance	\leq 1.05 nF

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	5 mm / 0.197 inches
Height from upper-edge of DIN-rail	58.5 mm / 2.303 inches
Depth	64 mm / 2.52 inches

Mechanical Data

Design	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

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

Fire load	0.246 MJ
Weight	8.4 g

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
PU (SPU)	50 (1) pcs
Packaging type	box
Country of origin	DE
GTIN	4045454576554
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

Marking accessories

Marker		
	Item no.: 2009-115 WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white	www.wago.com/2009-115

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



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

www.wago.com/793-501



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

www.wago.com/793-502



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

www.wago.com/793-503



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

www.wago.com/793-504



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

www.wago.com/793-505



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

www.wago.com/793-506

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

Jumpers

Jumper



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

www.wago.com/280-492



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

www.wago.com/280-482



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

www.wago.com/280-484



Item no.: 280-490
Jumper; 10-way; insulated; gray

www.wago.com/280-490



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

www.wago.com/280-485



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

www.wago.com/280-483

Insulation stop

Insulation stop

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



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

www.wago.com/280-472



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

Downloads

Documentation

Bid Text

280-502/281-613 X81 - Datei	2019 Feb 19	xml 3.4 kB	Download
280-502/281-613 doc - Datei	2015 Feb 11	doc 26.1 kB	Download

Additional Information

Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 2022 Aug 18	pdf 2.2 MB	Download
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CAD/CAE-Data

CAD data

2D/3D Models 280-502/281-613	URL	Download
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CAE data

EPLAN Data Portal 280-502/281-613	URL	Download
WSCAD Universe 280-502/281-613	URL	Download
EPLAN Data Portal 280-502/281-613	URL	Download
ZUKEN Portal 280-502/281-613	URL	Download
WSCAD Universe 280-502/281-613	URL	Download

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 280-502/281-613

[URL](#)

[Download](#)

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Installation Notes

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