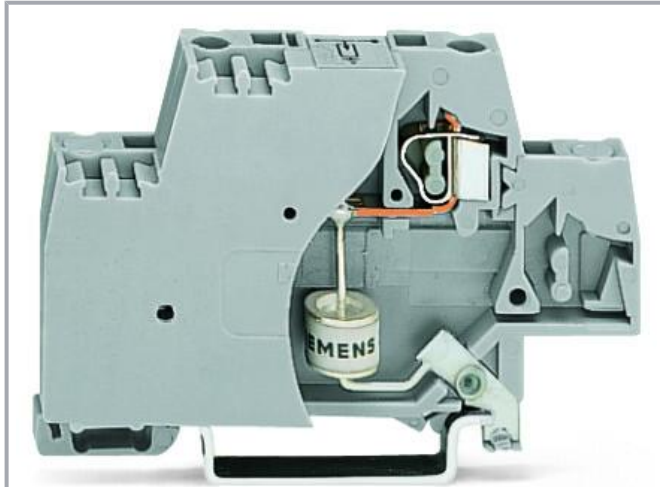


Data sheet | Item number: 280-503/281-580

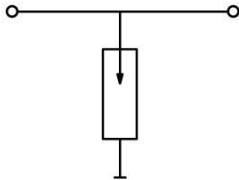
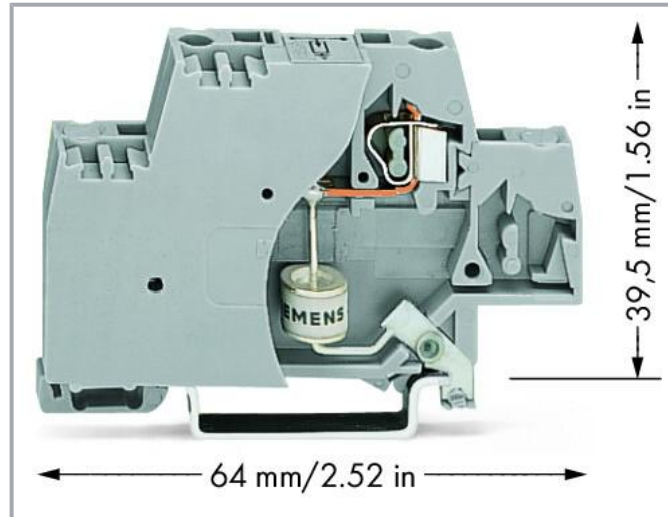
Component terminal block; double-deck; with end plate; with gas-filled surge arrester; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; CAGE CLAMP®; 2,50 mm²; gray

www.wago.com/280-503/281-580



 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 gas-filled surge.

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	AC/DC 115 V
Highest continuous voltage	AC 180 V / DC 230 V
Rated continuous current	20 A
Nominal discharge current (8/20 µs) (line)	5 kA
Protection level (8/20 µs)	≤ AC 650 V
Capacitance	≤ 2 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	12.3 g

Environmental requirements

Processing temperature	-35 ... +85 °C
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Subject to changes. Please also observe the further product documentation!

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	4045454194277
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

Insulation stop

Insulation stop		
	Item no.: 280-472 Insulation stop; 0.75 - 1 mm ² ; 5 pieces/strip; black	www.wago.com/280-472
	Item no.: 280-470 Insulation stop; 0.08 - 0.2 mm ² "s" (0.14 mm ² "f-st"); 5 pieces/strip; white	www.wago.com/280-470
	Item no.: 280-471 Insulation stop; 0.25 - 0.5 mm ² ; 5 pieces/strip; light gray	www.wago.com/280-471

Jumpers

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

**Item no.: 280-492**

Jumper; 2-way; insulated; gray

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

280-503/281-580 X81 - Datei	2019 年2月19 日	xml 3.4 kB	Download
280-503/281-580 doc - Datei	2015 年2月11 日	doc 26.1 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**CAE data**

EPLAN Data Portal 280-503/281-580	URL	Download
WSCAD Universe 280-503/281-580	URL	Download
ZUKEN Portal 280-503/281-580	URL	Download

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

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WSCAD Universe 280-503/281-580	URL	Download
EPLAN Data Portal 280-503/281-580	URL	Download
CAD data		
2D/3D Models 280-503/281-580	URL	Download
Asset Administration Shell		
Asset Administration Shell 280-503/281-580	URL	Download
Environmental Product Compliance		
Compliance Search		
Environmental Product Compliance 280-503/281-580	URL	Download
Component terminal block; double-deck; with end plate; with gas-filled surge arrester; 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!