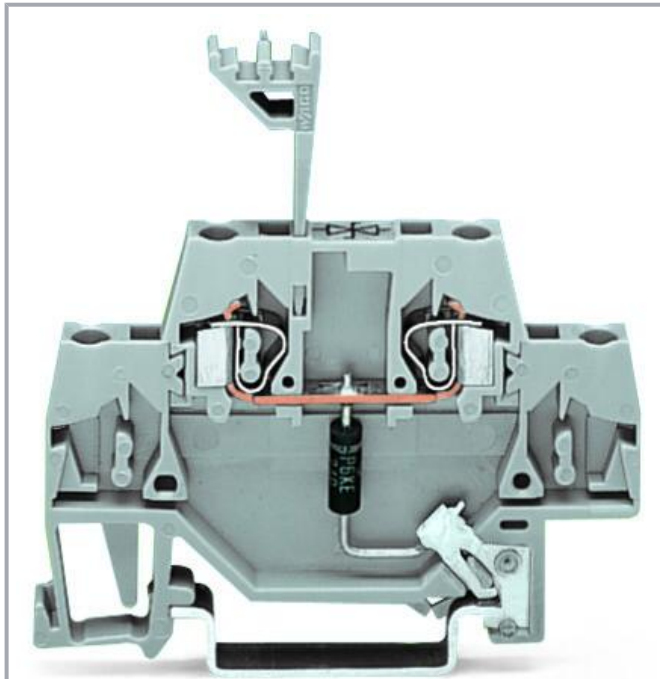


Data sheet | Item number: 280-502/281-604

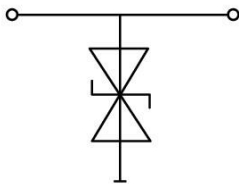
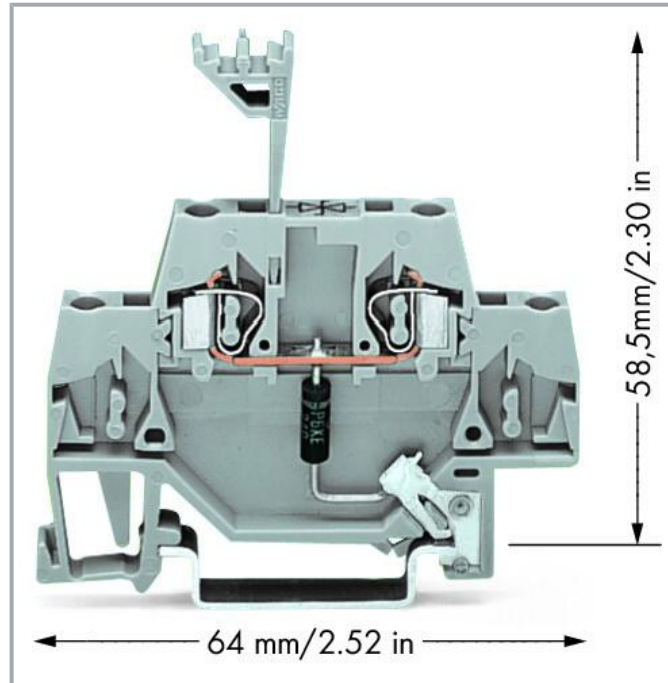
Component terminal block; double-deck; with direct connection to DIN rail;
with P6KE91C TVS diode; 60 VDC; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²;
CAGE CLAMP®; 2,50 mm²; gray

www.wago.com/280-502/281-604



 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 TVS diode.

Features:

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

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- 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	DC 60 V
Highest continuous voltage	DC 77 V
Rated continuous current	20 A
Nominal discharge current (10/1000 µs) (line)	4.8 A
Protection level (10/1000 µs)	≤ DC 125 V
Capacitance	≤ 550 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	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	8.5 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
ECCN	NO DATA
PU (SPU)	50 pcs
Packaging type	box
Country of origin	DE
GTIN	4017332225069
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

Marking accessories

Marker

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

**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**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**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

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

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

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**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**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**

280-502/281-604	2019 年2月19 日	xml	Download
X81 - Datei		3.4 kB	

280-502/281-604	2015 年2月11 日	doc	Download
doc - Datei		25.6 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**

2D/3D Models 280-502/281-604	URL	Download
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CAE data

EPLAN Data Portal 280-502/281-604	URL	Download
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WSCAD Universe 280-502/281-604	URL	Download
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ZUKEN Portal 280-502/281-604	URL	Download
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WSCAD Universe 280-502/281-604	URL	Download
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Subject to changes. Please also observe the further product documentation!

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EPLAN Data Portal 280-502/281-604	URL	Download
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Asset Administration Shell

Asset Administration Shell 280-502/281-604	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 280-502/281-604	URL	Download
Component terminal block; double-deck; with direct connection to DIN rail; with P6KE91C TVS diode; 60 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

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