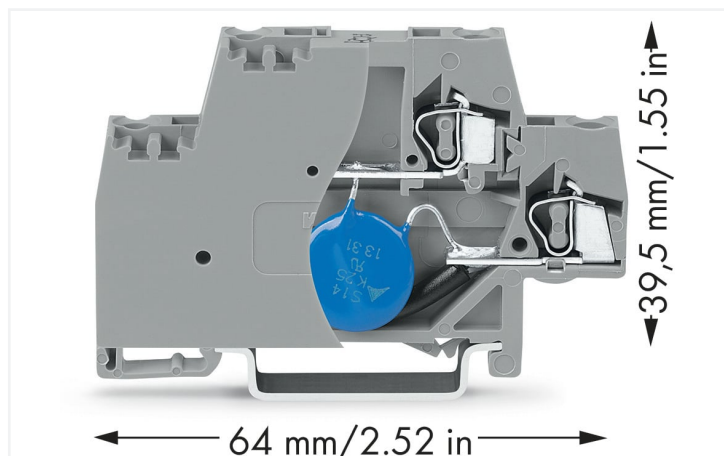


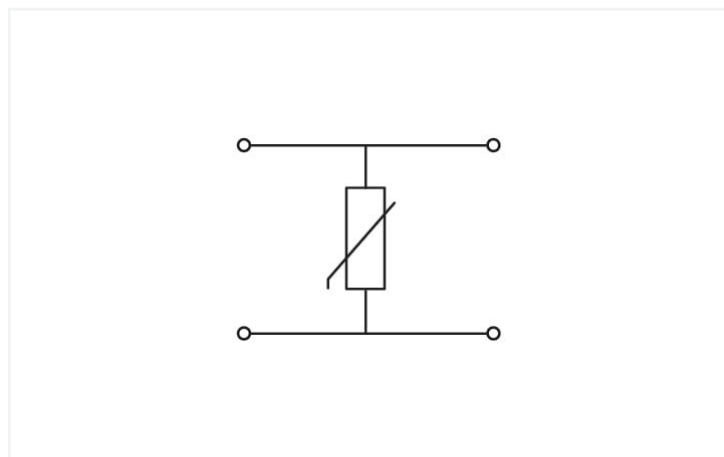
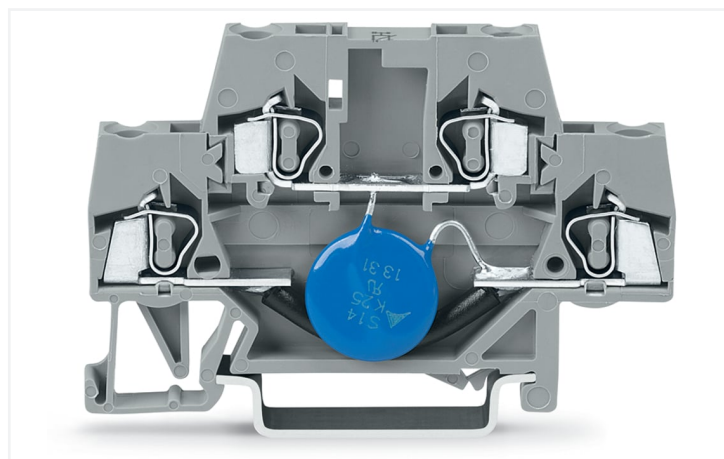
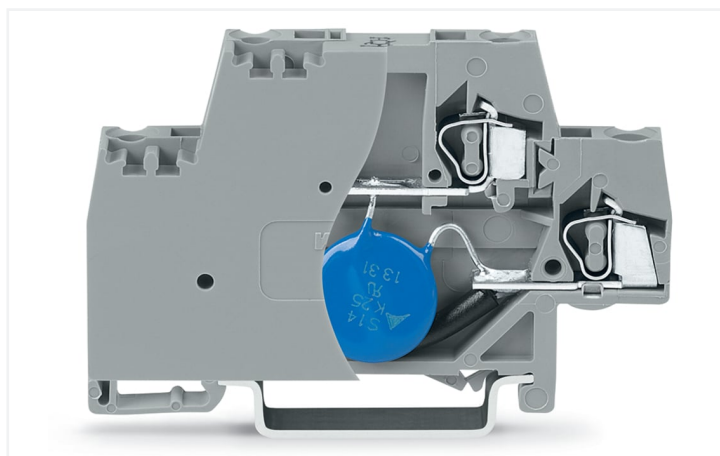
Data Sheet | Item Number: 280-504/281-584

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

<https://www.wago.com/280-504/281-584>



Color: ■ gray



Short description:

This component terminal block with surge suppression device and end plate is equipped with a varistor.

Features:

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



Electrical data		
Nominal operating voltage		60 VDC
Maximum continuous voltage		85 VDC
Rated continuous current		20 A
Nominal discharge current (8/20 µs) (line)		1 kA
Discharge current (max.)		4.5 kA
Protection level (8/20 µs)		≤ 165 VDC
Capacitance		≤ 1.7 nF

Safety and protection		
Protection type		IP20

Connection data		
Wiring direction		Front-entry wiring
Connections (number)		4
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		64 mm / 2.52 inches
Depth from upper-edge of DIN-rail		39.5 mm / 1.555 inches

Mechanical data		
Design		with end plate
Mounting type		DIN-35 rail

Material data		
Color		gray
Insulation material (main housing)		Polyamide (PA66)
Material group		I
Flammability class per UL94		V0
Fire load		1.432 MJ
Weight		15.2 g

Environmental requirements		
Ambient temperature (operation)		-25 ... +70 °C
Processing temperature		-35 ... +85 °C
Operating altitude (max.)		2000 m



Standards and specifications	
Standards/specifications	EN 60947-7-1 EN 60512-5-2

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 9.0	EC000903
ETIM 8.0	EC000903
PU (SPU)	50 pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821514930
Customs tariff number	85369010000

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 280-504/281-584	

Documentation

Bid Text			
280-504/281-584	19.02.2019	xml 3.25 KB	
280-504/281-584	11.02.2015	doc 25.50 KB	

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 280-504/281-584	EPLAN Data Portal 280-504/281-584
	WSCAD Universe 280-504/281-584
	ZUKEN Portal 280-504/281-584

1 Compatible Products

1.1 Optional Accessories

1.1.1 Insulation stop

1.1.1.1 Insulation stop



Item No.: 280-470
Insulation stop; 0.08 - 0.2 mm² "s" (0.14 mm² "f-st"); 5 pieces/strip; white



Item No.: 280-471
Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip; light gray



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

1.1.2 Jumper

1.1.2.1 Jumper



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

1.1.3 Marking

1.1.3.1 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



Item No.: 248-501
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white

1.1.4 Tool

1.1.4.1 Operating tool



Item No.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured