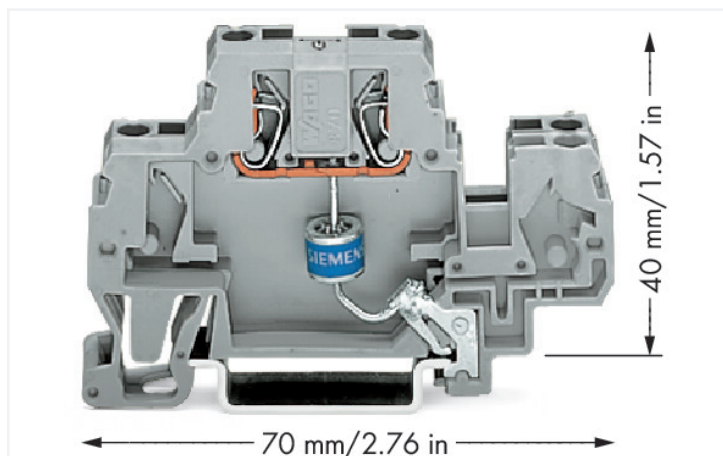


Data Sheet | Item Number: 870-523/281-580

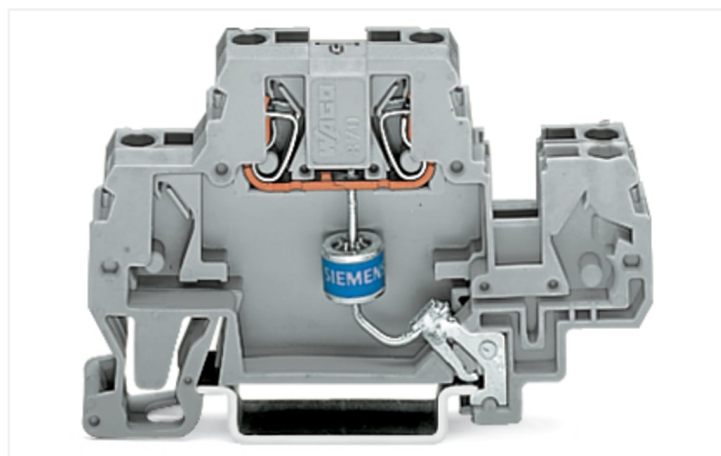
Component terminal block; double-deck; with gas-filled surge arrester; for DIN-rail
35 x 15 and 35 x 7.5; 2.5 mm²; CAGE CLAMP®; 2,50 mm²; gray

<https://www.wago.com/870-523/281-580>

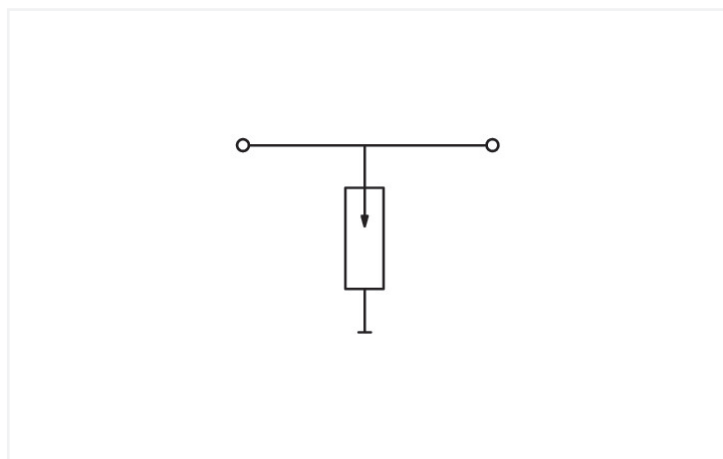


Color: ■ gray

Similar to illustration



Similar to illustration



Electrical data

Nominal operating voltage	AC/DC 115 V
Maximum 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 mm ² / 28 ... 14 AWG
Fine-stranded conductor	0.08 ... 4 mm ² / 28 ... 12 AWG
Fine-stranded conductor; with insulated ferrule	0.08 ... 1.5 mm ² / 28 ... 14 AWG
Strip length	6 ... 7 mm / 0.24 ... 0.28 inches

Physical data

Width	10 mm / 0.394 inches
Height	70 mm / 2.756 inches
Depth from upper-edge of DIN-rail	40 mm / 1.575 inches

Mechanical data

Mounting type	DIN-35 rail
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Material data

Color	gray
Insulation material (main housing)	Polyamide (PA66)
Material group	I
Flammability class per UL94	V0
Fire load	0.257 MJ
Weight	12.2 g

Environmental requirements

Processing temperature	-35 ... +85 °C
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Commercial data

Product Group	16 (Rail Mounted Terminal Blocks with CCC)
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)	25 pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454198503
Customs tariff number	85369010000

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Downloads

Environmental Product Compliance

Compliance Search

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Compliance
870-523/281-580



Documentation

Bid Text

870-523/281-580	19.02.2019	xml 3.28 KB	↓
870-523/281-580	11.02.2015	doc 25.50 KB	↓

CAD/CAE-Data

CAD data

2D/3D Models 870-523/281-580	↓
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CAE data

EPLAN Data Portal 870-523/281-580	↓
WSCAD Universe 870-523/281-580	↓
ZUKEN Portal 870-523/281-580	↓

1 Compatible Products

1.1 Optional Accessories

1.1.1 End plate

1.1.1.1 End plate



Item No.: 870-518

End and intermediate plate; 2 mm thick; gray

Item No.: 870-519

End and intermediate plate; 2 mm thick; orange

1.1.2 Insulation stop

1.1.2.1 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

1.1.3 Jumper

1.1.3.1 Jumper



Item No.: 280-492

Jumper; 2-way; insulated; gray

1.1.4 Marking

1.1.4.1 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

1.1.5 Tool

1.1.5.1 Operating tool



Item No.: 210-720

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured