

## Data Sheet | Item Number: 280-633/281-481

Component terminal block; 2-conductor; with 270R resistor; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm<sup>2</sup>; CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray

<https://www.wago.com/280-633/281-481>



### Electrical data

Operating voltage	250 VAC
Load current per potential	16 A
Power (max.)	0.6 W
Resistance	270R
Thermal resistance	140 K/W
Tolerance	±1%
Resistor type/design	DIN 0207
Failure ratio	< 0.3 x 10 <sup>-9</sup> /h

### Safety and protection

Rated surge voltage	4 kV
Pollution degree	3
Protection type	IP20

### Connection data

Connection points	4
Total number of potentials	1
Number of levels	1
Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper Aluminum
Solid conductor	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 14 AWG
Fine-stranded conductor	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 14 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inches

### Physical data

Width	5 mm / 0.197 inches
Height	75 mm / 2.953 inches
Depth from upper-edge of DIN-rail	28 mm / 1.102 inches

### Material data

Color	gray
Insulation material	Polyamide (PA66)
Material group	I
Flammability class per UL94	V0
Fire load	0.246 MJ
Weight	9.5 g

**Environmental requirements**

Ambient temperature (operation)	-25 ... +70 °C
Processing temperature	-35 ... +85 °C

**Standards and specifications**

Standards/specifications	EN 60947-7-1 EN 60664-1 EN 60529
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**Commercial data**

Product Group	1 (Rail Mounted Terminal Blocks)
PU (SPU)	100 pcs
Country of origin	DE
GTIN	4045454195076
Customs tariff number	85369010000

**Environmental Product Compliance**

RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	7(c)-I