

Data Sheet | Item Number: 280-623/281-509

Component terminal block; 4-conductor; with 1K0 resistor; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; CAGE CLAMP®; 2,50 mm²; gray

<https://www.wago.com/280-623/281-509>



Electrical data

Operating voltage	250 VAC
Load current per potential	16 A
Power (max.)	0.6 W
Resistance	1K0
Thermal resistance	140 K/W
Tolerance	±1%
Resistor type/design	DIN 0207
Failure ratio	< 0.3 x 10 ⁻⁹ /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 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	73 mm / 2.874 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	0.151 MJ
Weight	8.4 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

Commercial data	
Product Group	1 (Rail Mounted Terminal Blocks)
PU (SPU)	100 pcs
Country of origin	DE
GTIN	4045454391621
Customs tariff number	85369010000

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