

## Data Sheet | Item Number: 281-605/281-412

Component terminal block; 2-conductor; with balancing resistance 20R; for DIN-rail 35 x 15 and 35 x 7.5; 4 mm<sup>2</sup>; CAGE CLAMP®; gray

<https://www.wago.com/281-605/281-412>



### Notes

#### Safety Information

- Installation must be performed by qualified personnel only.
- The DIN-rail must be grounded.
- The input current must be protected by a suitable fuse.
- Protection against contact with stored charges must be ensured.
- Do not insert or remove pluggable modules when energized.
- The IP20 protection rating must be maintained in the assembled state or when using an end/intermediate plate compatible with the rail-mount terminal block.

### Electrical data

Operating voltage	48 VAC/VDC
Power (max.)	0.75 W
Resistor	20R
Tolerance	±10 %
Resistor type/design	DIN 0207

### Safety and protection

Rated impulse withstand voltage	4 kV
Pollution degree	3

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Protection type	IP20
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### Connection Data

Clamping units	2
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### Physical data

Width	6 mm / 0.236 inches
Height	53 mm / 2.087 inches
Depth from upper-edge of DIN-rail	29 mm / 1.142 inches

### Material data

Color	gray
Insulation material (main housing)	Polyamide (PA66)
Material group	I
Flammability class per UL94	V0
Fire load	0.132 MJ
Weight	8.8 g

### Environmental requirements

Ambient temperature (operation)	-25 ... +70 °C
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### Standards and Specifications

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

PU (SPU)	50 pcs
Packaging type	Box
Country of origin	DE
GTIN	4055143539067
Customs tariff number	85369010000

### Product Classification

UNSPSC	39121410
ETIM 9.0	EC000903
ETIM 10.0	EC000903
ECCN	NO US CLASSIFICATION

### Environmental Product Compliance

CAS-No.	7439-92-1
REACH Candidate List Substance	Lead
RoHS Compliance Status	Compliant, No Exemption
SCIP notification number (Austria)	5c9e9fc5-22fb-4938-a810-1e6477192c81
SCIP notification number (Belgium)	3d485ef3-67df-43b4-b1d8-744fec6840b0
SCIP notification number (Bulgaria)	b6095e30-6edc-440f-921e-4f1e138031cb
SCIP notification number (Czech Republic)	bce986e0-7460-4001-a5a1-4962fa9d273f
SCIP notification number (Denmark)	d1c7fdbd-4389-467e-97aa-206d08c0509e
SCIP notification number (Finland)	c8c5394a-e9f9-4356-b196-2b73e7ee4b6b
SCIP notification number (France)	cd1aeaaa-1117-4ab2-81aa-242fb191494b
SCIP notification number (Germany)	bf4afc5d-16ee-4a65-a926-a5d905250c6b
SCIP notification number (Hungary)	6d7b917b-a321-496e-963d-97a5970ea756
SCIP notification number (Italy)	ec0dc9d3-74d3-4d79-b860-7354fc78d819
SCIP notification number (Netherlands)	1a001092-7852-4ae8-80b2-ea8c6d823aab
SCIP notification number (Poland)	e7ee525e-a7d7-4d87-a102-f3292dc346c2
SCIP notification number (Romania)	3a94b546-015a-4104-beee-06c3638129e2
SCIP notification number (Sweden)	2a10d66c-d987-47e1-929b-1b0667a349e9

### Approvals / Certificates

#### General approvals



Approval	Standard	Certificate Name
UR UL International Germany GmbH	UL 1059	E45172

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

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Current addresses can be found at: [www.wago.com](http://www.wago.com)