


## Data Sheet | Item Number: 281-512/281-417

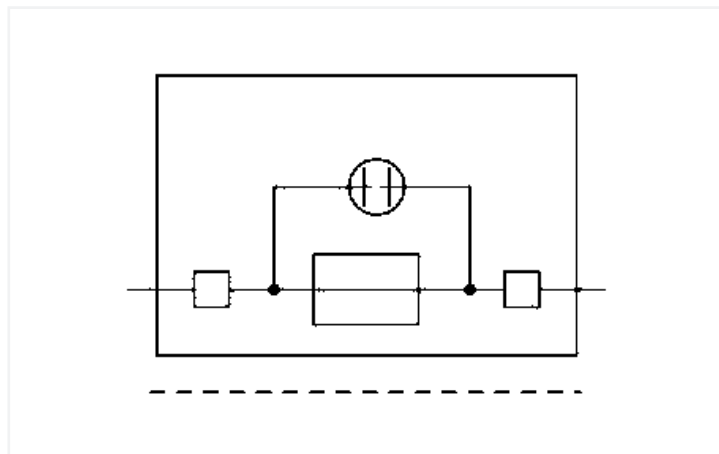
Fuse plug; with pull-tab; for miniature metric fuses 5 x 20 mm and 5 x 25 mm; with blown fuse indication by neon lamp; 230 V; 6 mm wide; gray

<https://www.wago.com/281-512/281-417>



Color:  gray

Similar to illustration



281-512/281-417

### Electrical data

#### Ratings per IEC/EN

Ratings (note)	Electrical ratings are given by the fuse and blown fuse indication.
Nominal voltage (III/3)	250 V
Rated current	6.3 A
Note (rated current)	Leakage current in case of a blown fuse: Neon lamp < 0.4 mA
Operation status indicator	none

#### Power loss

Power loss (max.)  $P_{I(max)}$  (note)

When selecting glass cartridge fuses, make sure that the maximum power loss listed below is not exceeded. The power loss is determined according to IEC or EN 60947-7-3/VDE 0611-6 at 23°C. The temperature rise of the terminal block must be checked according to their application and mounting. Higher ambient temperatures represent an additional impact on miniature fuses. Therefore, in such applications, the rated current must be reduced if necessary. More details are available from the manufacturers.

### General

Voltage type 1	AC/DC
Fuse type	Cylindrical fuse; 5 x 20 mm and 5 x 25 mm

### Physical data

Width	6 mm / 0.236 inches
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### Mechanical Data

Marking level	Center marking
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## Material Data

Note (material data)

[Information on material specifications can be found here](#)

Color	gray
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.082 MJ
Weight	6.5 g

## Environmental requirements

Continuous operating temperature	-60 ... +105 °C
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## Commercial data

Product Group	1 (Rail Mounted Terminal Blocks)
eCl@ss 10.0	27-14-11-49
eCl@ss 9.0	27-14-11-49
ETIM 8.0	EC002018
ETIM 7.0	EC002018
PU (SPU)	50 pcs
Packaging type	Box
Country of origin	CN
GTIN	4050821276241
Customs tariff number	85366990990

## Approvals / Certificates

### General approvals



Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 60947	2160584.53
CSA DEKRA Certification B.V.	C22.2 No. 158	1505034
KEMA/KEUR DEKRA Certification B.V.	EN 60947	NTR NL-7135

### Approvals for marine applications



Approval	Standard	Certificate Name
ABS American Bureau of Ship- ping	EN 60947	20-HG1941090-PDA
ABS American Bureau of Ship- ping	-	20-HG1941090-PDA
DNV GL Det Norske Veritas, Ger- manischer Lloyd	-	TAE00001V2

## Downloads

### Environmental Product Compliance

Compliance Search	
Environmental Product Compliance	↓
281-512/281-417	

### Documentation

Additional Information		Bid Text				
Technical Section	pdf 2142.18 KB	↓	281-512/281-417	19.02.2019	xml 3.00 KB	↓
			281-512/281-417	14.03.2017	doc 24.00 KB	↓

### CAD/CAE-Data

CAD data		CAE data			
2D/3D Models	281-512/281-417	↓	WSCAD Universe	281-512/281-417	↓
			ZUKEN Portal	281-512/281-417	↓