

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (http://phoenixcontact.com/download)



Device terminal block, nom. voltage: 630 V, nominal current: 125 A, connection method: Screw connection, number of connections: 4, number of positions: 1, cross section: 0.75 mm<sup>2</sup> - 35 mm<sup>2</sup>, AWG: 18 - 2, width: 34.8 mm, height: 44.9 mm, color: blue, mounting type: direct screw connection

### Your advantages

- Mounting with two screws per block
- ☑ Touch-proof shock protection



## Key Commercial Data

Packing unit	1 pc
Minimum order quantity	25 pc
GTIN	4 046356 182386
GTIN	4046356182386
Weight per Piece (excluding packing)	129.600 g
Custom tariff number	85369010
Country of origin	Poland

## Technical data

#### General

Number of positions	1
Number of levels	1
Number of connections	4
Potentials	1
Nominal cross section	35 mm <sup>2</sup>
Color	blue



# Technical data

#### General

Insulating material	РА
Flammability rating according to UL 94	V2
Rated surge voltage	8 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	Ι
Maximum power dissipation for nominal condition	4.06 W
Maximum load current	125 A (with 35 mm <sup>2</sup> conductor cross section)
Nominal current I <sub>N</sub>	125 A
Nominal voltage U <sub>N</sub>	630 V
Open side panel	No

### Dimensions

Width	34.8 mm
Length	83.7 mm
Height	44.9 mm

#### Connection data

Note	Terminal point
Connection method	Screw connection
Screw thread	M6
Stripping length	16 mm
Tightening torque, min	3.5 Nm
Tightening torque max	4 Nm
Connection in acc. with standard	IEC 60947-7-1/IEC 60998
Conductor cross section solid min.	0.75 mm <sup>2</sup>
Conductor cross section solid max.	35 mm <sup>2</sup>
Conductor cross section AWG min.	18
Conductor cross section AWG max.	2
Conductor cross section flexible min.	0.75 mm <sup>2</sup>
Conductor cross section flexible max.	35 mm <sup>2</sup>
Min. AWG conductor cross section, flexible	18
Max. AWG conductor cross section, flexible	2
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.75 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	35 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.75 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	35 mm²
2 conductors with same cross section, solid min.	0.75 mm <sup>2</sup>



## Technical data

### Connection data

2 conductors with same cross section, solid max.	10 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.75 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	10 mm <sup>2</sup>
Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, minimum	0.75 mm²
Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, maximum	6 mm <sup>2</sup>
Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, minimum	0.75 mm²
Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, maximum	10 mm²

#### Ambient conditions

Operating temperature	-60 °C 105 °C (max. short-term operating temperature 125°C)
Ambient temperature (storage/transport)	-25 °C 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Permissible humidity (storage/transport)	30 % 70 %
Ambient temperature (assembly)	-5 °C 70 °C
Ambient temperature (actuation)	-5 °C 70 °C

## Standards and Regulations

Connection in acc. with standard	IEC 60947-7-1/IEC 60998
Flammability rating according to UL 94	V2

#### **Environmental Product Compliance**

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

Circuit diagram

0-0---0-0

## Classifications

## eCl@ss

eCl@ss 10.0.1	27141120
eCl@ss 11.0	27141120
eCl@ss 4.0	27141100
eCl@ss 4.1	27141100
eCl@ss 5.0	27141100



# Classifications

#### eCl@ss

eCl@ss 5.1	27141100
eCl@ss 6.0	27141100
eCl@ss 7.0	27141106
eCl@ss 9.0	27141120

## ETIM

ETIM 3.0	EC000903
ETIM 4.0	EC000903
ETIM 6.0	EC001284
ETIM 7.0	EC001284

### UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121409
UNSPSC 18.0	39121410
UNSPSC 19.0	39121410
UNSPSC 20.0	39121410
UNSPSC 21.0	39121410

## Approvals

Approvals

Approvals

EAC

Г

Ex Approvals

## Approval details

EAC	EAC	RU C- DE.BL08.B.00534
-----	-----	--------------------------

03/21/2021 Page 4 / 5



Phoenix Contact 2021 © - all rights reserved http://www.phoenixcontact.com