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Panel feed-through terminal block - PLW 16-6/ 5-10 - 1821083

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Panel feed-through terminal block, Connection method: Push-lock connection, Push-in connection, Load current : 41 A, Cross section: 2.5 mm² - 16 mm², AWG 14 - 4, Width: 74.4 mm, Color: gray

Key Commercial Data

Packing unit	15 STK
GTIN	 4 046356 788212

Technical data

General

Number of levels	1
Number of connections	10
Nominal cross section	16 mm ²
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Maximum load current	41 A
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Ambient temperature (operation)	-40 °C (depending on the current carrying capacity curve)
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Ambient temperature (assembly)	-5 °C ... 105 °C
Ambient temperature (actuation)	-5 °C ... 105 °C
Connection in acc. with standard	IEC 60947-7-1
Nominal current I _N	41 A
Maximum load current	41 A
Nominal voltage U _N	1000 V
Open side panel	No
Number of positions	5

Dimensions

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Technical data

Dimensions

Width	74.4 mm
Plate thickness	19.26 mm

Connection data

Connection side	Outside
Connection method	Push-lock connection
Conductor cross section solid min.	2.5 mm ²
Conductor cross section solid max.	16 mm ²
Conductor cross section flexible min.	2.5 mm ²
Conductor cross section flexible max.	25 mm ²
Conductor cross section AWG min.	14
Conductor cross section AWG max.	4
Conductor cross section flexible, with ferrule without plastic sleeve min.	2.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	16 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	2.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	16 mm ²
Stripping length	18 mm
Connection side	Inside
Connection method	Push-in connection
Conductor cross section flexible min.	1.5 mm ²
Conductor cross section flexible max.	6 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve min.	1.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	6 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	1.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	6 mm ²
Stripping length	15 mm

Standards and Regulations

Connection in acc. with standard	IEC 60947-7-1
Flammability rating according to UL 94	V0

Classifications

eCl@ss

eCl@ss 4.0	27141111
eCl@ss 4.1	27141111
eCl@ss 5.0	27141134
eCl@ss 5.1	27141134
eCl@ss 6.0	27141134
eCl@ss 7.0	27141134
eCl@ss 8.0	27141134

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Classifications

ETIM

ETIM 3.0	EC001283
ETIM 4.0	EC001283
ETIM 5.0	EC001283

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

Approvals

Approvals

Approvals

cULus Recognized

Ex Approvals

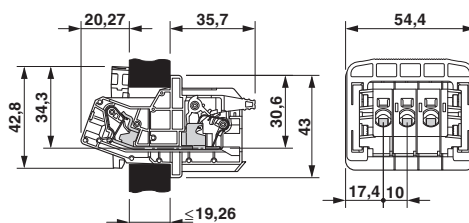
Approvals submitted

Approval details

cULus Recognized

Drawings

Dimensional drawing

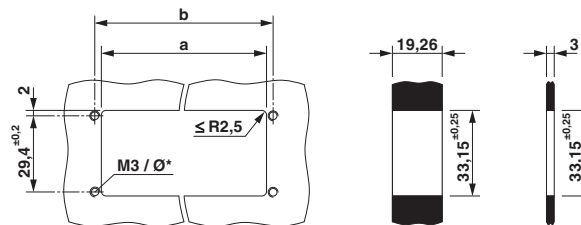


Dimension 54.4 mm for 3-pos. version;
4-pos.: 64.4 mm

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5-pos.: 74.4 mm

Dimensional drawing



Dimension a = 63.9 mm ± 0.25

Dimension b = 69 mm ± 0.2

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