Panel feed-through terminal block - UW 4-POT-SCM/S - 3056909

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Panel feed-through terminal block, Connection method: Screw connection, Slip-on connection, Load current : 41 A, Cross section: 0.2 mm² - 6 mm², AWG 24 - 10, Width: 8.1 mm, Color: gray

Product Features

- Easy grouping with engagement pin versions
- Both terminal halves can be easily assembled by simply snapping them together
- Touch-proof insulating housing in a new design
- Molded type ensures maximum seal and is available with a slip-on or solder connection.
- Universal screw connection with screw locking
- Spacer plates increase clearances and creepage distances
- Automatic compensation of the panel thickness via the snap principle integrated in the insulation housing

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	8.0 g
Custom tariff number	85369010
Country of origin	China

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	4 mm²
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	6 kV

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Technical data

General

Pollution degree	3
Overvoltage category	III
Insulating material group	I
Ambient temperature (operation)	-40 °C ... 105 °C
Connection in acc. with standard	IEC 60947-7-1
Nominal current I_N	32 A
Maximum load current	41 A (with 6 mm² conductor cross section)
Nominal voltage U_N	800 V (with spacer plate)
Open side panel	nein
Number of positions	1

Dimensions

Width	8.1 mm
Plate thickness	1 mm ... 4 mm

Connection data

Connection side	Outside
Connection method	Screw connection
Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	6 mm²
Conductor cross section flexible min.	0.2 mm²
Conductor cross section flexible max.	4 mm²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	10
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	4 mm²
2 conductors with same cross section, solid min.	0.2 mm²
2 conductors with same cross section, solid max.	1.5 mm²
2 conductors with same cross section, stranded min.	0.2 mm²
2 conductors with same cross section, stranded max.	1.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	2.5 mm²

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Technical data

Connection data

Cross section with insertion bridge, solid max.	4 mm²
Cross section with insertion bridge, stranded max.	2.5 mm²
Stripping length	10 mm
Internal cylindrical gage	A4
Screw thread	M3
Tightening torque, min	0.6 Nm
Tightening torque max	0.8 Nm
Connection side	Inside
Connection method	Slip-on connection
Slip-on connection	6.3 x 0.8 mm

Standards and Regulations

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

Classifications

eCl@ss

eCl@ss 4.0	27141131
eCl@ss 4.1	27141131
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

ETIM

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

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Approvals

Approvals

Approvals

UL Recognized / EAC

Ex Approvals

Approvals submitted

Approval details

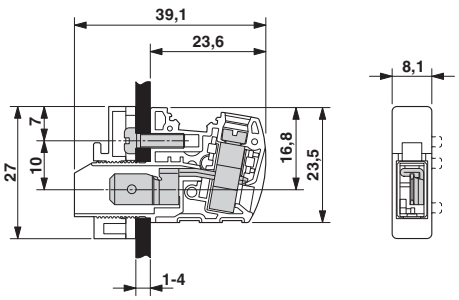
UL Recognized

	B	C	D
mm²/AWG/kcmil	24-10	24-10	24-10
Nominal current IN	30 A	30 A	5 A
Nominal voltage UN	300 V	300 V	600 V

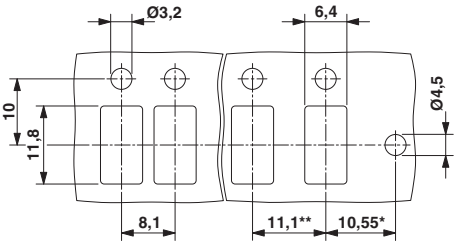
EAC

Drawings

Dimensional drawing



Dimensional drawing



* Only when using the UW...-F flange plate
** Dimensions when using the DP-UW... spacer plate

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