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Especialistas en Automatización

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Marshalling panel - ZRV 8 - 3025956

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Marshalling panel, Nom. voltage: 250 V, Nominal current: 10 A, Cross section: 0.14 mm² - 1.5 mm², AWG: 14 - 26, Connection type: Spring-cage connection, Width: 7.62 mm, Length: 225 mm, Color: gray, Assembly: NS 35/7,5, NS 35/15

Why buy this product

- The associated PV terminal block can be used to realize potential distributions with up to 32 connections
- The spring-cage marshalling distributors offer the highest possible wiring density in restricted spaces
- The double connection allows 4 conductors to make contact with one potential, whereby 8 potentials are transferred with one terminal block

Key Commercial Data

Packing unit	10 STK
GTIN	 4 017918 147556

Technical data

General

Number of levels	8
Number of connections	32
Nominal cross section	1 mm ²
Color	gray
Insulating material	PC
Flammability rating according to UL 94	V0
Rated surge voltage	4 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	IIIa
Connection in acc. with standard	IEC 60947-7-1
Nominal current I _N	10 A
Max. load current	10 A (with 1.5 mm ² conductor cross section)
Nominal voltage U _N	250 V
Open side panel	Yes
Shock protection test specification	DIN EN 50274 (VDE 0660-514):2002-11
Back of the hand protection	guaranteed
Finger protection	guaranteed

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Technical data

General

Result of surge voltage test	Test passed
Surge voltage test setpoint	4.8 kV
Result of power-frequency withstand voltage test	Test passed
Power frequency withstand voltage setpoint	1.5 kV
Result of the test for mechanical stability of terminal points (5 x conductor connection)	Test passed
Result of bending test	Test passed
Bending test rotation speed	10 rpm
Bending test turns	135
Bending test conductor cross section/weight	0.14 mm ² / 0.2 kg
	1 mm ² / 0.4 kg
	1.5 mm ² / 0.4 kg
Tensile test result	Test passed
Conductor cross section tensile test	0.14 mm ²
Tractive force setpoint	10 N
Conductor cross section tensile test	1 mm ²
Tractive force setpoint	35 N
Conductor cross section tensile test	1.5 mm ²
Tractive force setpoint	40 N
Result of tight fit on support	Test passed
Tight fit on carrier	NS 35
Setpoint	1 N
Result of voltage-drop test	Test passed
Requirements, voltage drop	≤ 3.2 mV
Result of temperature-rise test	Test passed
Short circuit stability result	Test passed
Conductor cross section short circuit testing	1.5 mm ²
Short-time current	0.18 kA
Result of aging test	Test passed
Ageing test for screwless modular terminal block temperature cycles	192
Result of thermal test	Test passed
Proof of thermal characteristics (needle flame) effective duration	30 s
Relative insulation material temperature index (Elec., UL 746 B)	125 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °C

Dimensions

Width	7.62 mm
Length	225 mm
Height NS 35/7,5	82 mm
Height NS 35/15	89.5 mm

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Technical data

Connection data

Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section flexible min.	0.14 mm ²
Conductor cross section flexible max.	1 mm ²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	14
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.14 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	0.75 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.14 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	0.75 mm ²
Connection method	Spring-cage connection
Stripping length	8 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	27141124
eCl@ss 4.1	27141124
eCl@ss 5.0	27141124
eCl@ss 5.1	27141124
eCl@ss 6.0	27141124
eCl@ss 7.0	27141124
eCl@ss 8.0	27141120
eCl@ss 9.0	27141120

ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000897
ETIM 4.0	EC002567
ETIM 5.0	EC000897

UNSPSC

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

Marshalling panel - ZRV 8 - 3025956

Approvals

Approvals

Approvals

EAC

Ex Approvals

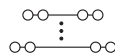
Approvals submitted

Approval details

EAC

Drawings

Circuit diagram



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Product	Code	Reference	Product link
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