

Marshalling distributors - ZRV 8 - 3025956

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Marshalling distributors, 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

Product Features

- ✓ 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	1 pc
Weight per Piece (excluding packing)	80.27 GRM
Custom tariff number	85369010
Country of origin	Poland

Technical data

General

Number of levels	8
Number of connections	16
Color	gray
Insulating material	PC
Inflammability class according to UL 94	V0
Rated surge voltage	4 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	IIIa
Connection in acc. with standard	IEC 60947-7-1
Maximum load current (lower level)	10 A

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Technical data

General

Additional text	with 1.5 mm ² conductor cross section
Nominal current I _N (lower level)	10 A
Nominal voltage U _N	250 V
Open side panel	ja
Shock protection test specification	DIN EN 50274 (VDE 0660-514):2002-11
Back of the hand protection	guaranteed
Finger protection	guaranteed
Surge voltage test setpoint	4.8 kV
Result of surge voltage test	Test passed
Power frequency withstand voltage setpoint	1.5 kV
Result of power-frequency withstand voltage test	Test passed
Checking the mechanical stability of terminal points (5 x conductor connection)	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
Result of bending test	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
Tensile test result	Test passed
Tight fit on carrier	NS 35
Setpoint	1 N
Result of tight fit test	Test passed
Requirements, voltage drop	≤ 3.2 mV
Result of voltage drop test	Test passed
Temperature-rise test	Test passed
Conductor cross section short circuit testing	1.5 mm ²
Short-time current	0.18 kA
Short circuit stability result	Test passed
Ageing test for screwless modular terminal block temperature cycles	192
Result of aging test	Test passed

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Technical data

General

Proof of thermal characteristics (needle flame) effective duration	30 s
Result of thermal test	Test passed
Temperature index, insulating 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

Connection data

Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section stranded min.	0.14 mm ²
Conductor cross section stranded max.	1 mm ²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	14
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.14 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	0.75 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	0.75 mm ²
Connection method	Spring-cage connection
Stripping length	8 mm

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	27141124

ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000897

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Classifications

ETIM

ETIM 4.0	EC002567
ETIM 5.0	EC002567

UNSPSC

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

Drawings

Circuit diagram

