

RV 8-TP(2,4X0,8)L - Marshalling panel



3191013

<https://www.phoenixcontact.com/us/products/3191013>

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Marshalling panel, nom. voltage: 250 V, nominal current: 5 A, connection method: TERMI-POINT®, 1st, 2nd, 3rd, 4th, 5th, 6th, 7th and 8th level, cross section: 0.22 mm² - 0.56 mm², mounting: NS 35/7,5, NS 35/15, color: gray

Your advantages

- The external housing ridges act as a cable duct side panel, such that good cable routing is ensured and standard cable duct covers can be used
- The red-white marking masks with alternating negative/positive 1 - 8 or a - h labeling clearly distinguish the rows of pins and make the process of connecting and finding specific connections much easier
- There are two housing grooves between the pin panel and labeling rib into which the potential busbars can be inserted
- The RV 8 element has eight 2.4 x 0.8 mm TERMI-POINT®(TP) pins for the incoming and outgoing conductors on both sides of the raised labeling rib

Commercial data

Item number	3191013
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	BE55
Product key	BE531X
GTIN	4017918093426
Weight per piece (including packing)	68.8 g
Weight per piece (excluding packing)	68.11 g
Customs tariff number	85369010
Country of origin	PL

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Technical data

Product properties

Product type	Potential distributor
Number of positions	1
Number of connections	16
Number of rows	1
Potentials	8

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	4 kV
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Connection data

Number of connections per level	16
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1st, 2nd, 3rd, 4th, 5th, 6th, 7th and 8th level

Connection method	TERMI-POINT®
TERMI-POINT pin dimensions	2.4 x 0.8 mm
Position of the TERMI-POINT pin	vertical
Conductor cross-section rigid	0.22 mm ² ... 0.56 mm ²
Cross section AWG	24 ... 20 (converted acc. to IEC)
Conductor cross-section flexible	0.22 mm ² ... 0.56 mm ²
Conductor cross-section, flexible [AWG]	24 ... 20 (converted acc. to IEC)
Flexible conductor cross-section (ferrule with plastic sleeve)	0.25 mm ² ... 0.5 mm ²
Nominal current	5 A
Maximum load current	5 A
Nominal voltage	250 V

Dimensions

Width	7.6 mm
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Material specifications

Color	gray
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA

Mechanical properties

Mechanical data

Open side panel	No
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Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-60 °C ... 85 °C
Ambient temperature (storage/transport)	-25 °C ... 55 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (storage/transport)	30 % ... 70 %

Mounting

Mounting type	NS 35/7,5
	NS 35/15

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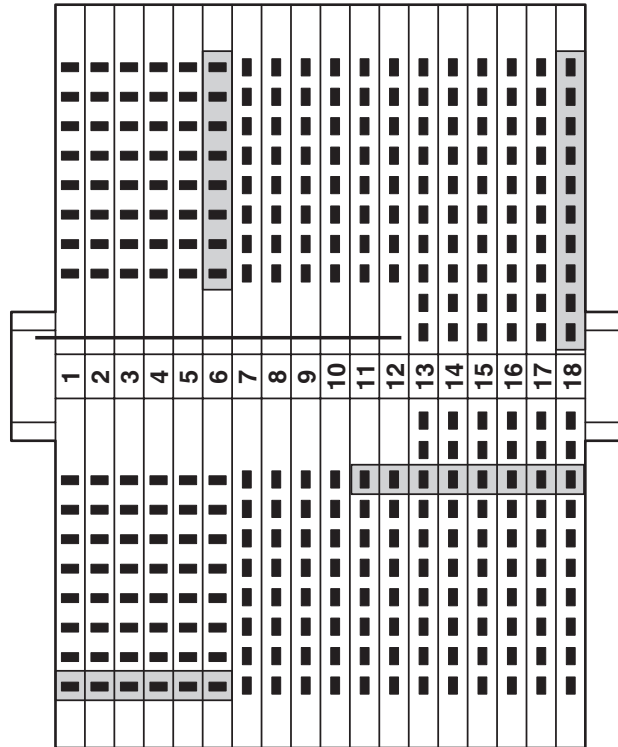
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Drawings

Functional drawing



RV 8-TP
(2,4 x 0,8) Q

RV 8-TP
(2,4 x 0,8) L

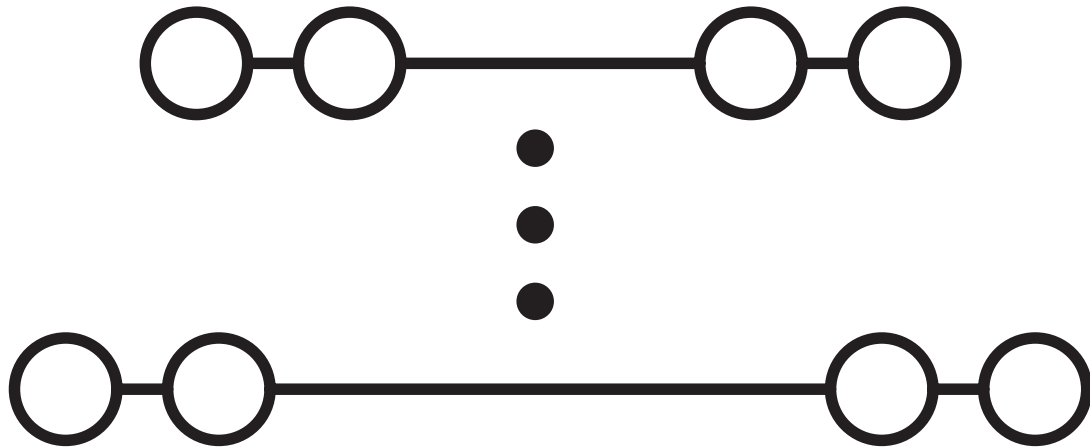
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Circuit diagram



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Classifications

UNSPSC

UNSPSC 21.0	39121410
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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