Marshalling panel - FTRV 8 /COL-RDWH

3001852

https://www.phoenixcontact.com/us/products/3001852

Please be informed that the data shown in this PDF document is generated from our Online Catalog. Please find the complete data in the user documentation. Our General Terms of Use for Downloads are valid.



Marshalling panel, without actuation lever, nom. voltage: 250 V, nominal current: 8 A, connection method: Push-in connection, 1st, 2nd, 3rd, 4th, 5th, 6th, 7th and 8th level, Rated cross section: 1.5 mm^2, cross section: 0.14 mm^2 - 2.5 mm^2, mounting: NS 35/7,5, NS 35/15, color: gray

Your advantages

- Tool-free wiring in a confined space thanks to compact size
- High contact quality thanks to push-in technology as a replacement for Wire-Wrap®, TERMI-POINT®, etc.
- Individual color assignment of cable and terminal point to ensure error-free, safe operation
- Color configuration possible according to VDE 0812, VDE 0815, DIN 47100 or unlimited.
- The 2.3 mm test connection enables testing between the conductors with test pins commonly used in the industry

Commercial Data

Item number	3001852
Packing unit	10 pc
Minimum order quantity	1 pc
Note	Made to Order (non-returnable)
Product Key	BE6211
Catalog Page	Page 54 (C-1-2019)
GTIN	4055626038490
Weight per Piece (including packing)	36.6 g
Weight per Piece (excluding packing)	36.6 g
Customs tariff number	85369010
Country of origin	PL

Technical Data

Product properties

Product type	Marshalling terminal
Number of positions	2
Number of connections	32
Number of rows	8
Potentials	8

Insulation characteristics

Overvoltage category	III

Electrical properties

Rated surge voltage	4 kV
Maximum power dissipation for nominal condition	0.56 W

Connection data

Number of connections per level	4
Nominal cross section	1.5 mm²

1st, 2nd, 3rd, 4th, 5th, 6th, 7th and 8th level

Stripping length	8 mm ... 10 mm
Conductor cross section solid	0.14 mm² ... 2.5 mm²
Cross section AWG	26 ... 14
Conductor cross section flexible	0.14 mm² ... 1.5 mm²
Conductor cross section, flexible [AWG]	26 ... 14
Flexible conductor cross section flexible (ferrule, w/o plastic sleeve)	0.14 mm² ... 1.5 mm²
Flexible conductor cross section (ferrule with plastic sleeve)	0.14 mm² ... 1.5 mm²
Nominal current	8 A
Maximum load current	8 A (with 1.5 mm² conductor cross section)
Nominal voltage	250 V
Nominal cross section	1.5 mm²

1st, 2nd, 3rd, 4th, 5th, 6th, 7th and 8th level Connection cross sections directly pluggable

Conductor cross section solid	0.34 mm² ... 2.5 mm²
Conductor cross section, solid [AWG]	20 ... 14
Conductor cross section flexible	0.34 mm² ... 1.5 mm²
Conductor cross section, flexible [AWG]	14
Flexible conductor cross section flexible (ferrule, w/o plastic sleeve)	0.34 mm² ... 1.5 mm²
Flexible conductor cross section (ferrule with plastic sleeve)	0.34 mm² ... 1.5 mm²

Dimensions

Width	8.3 mm

Height NS 35/15	95 mm
Height NS 35/7,5	87.5 mm
Length	100 mm

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	Yes

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 %

Standards and regulations

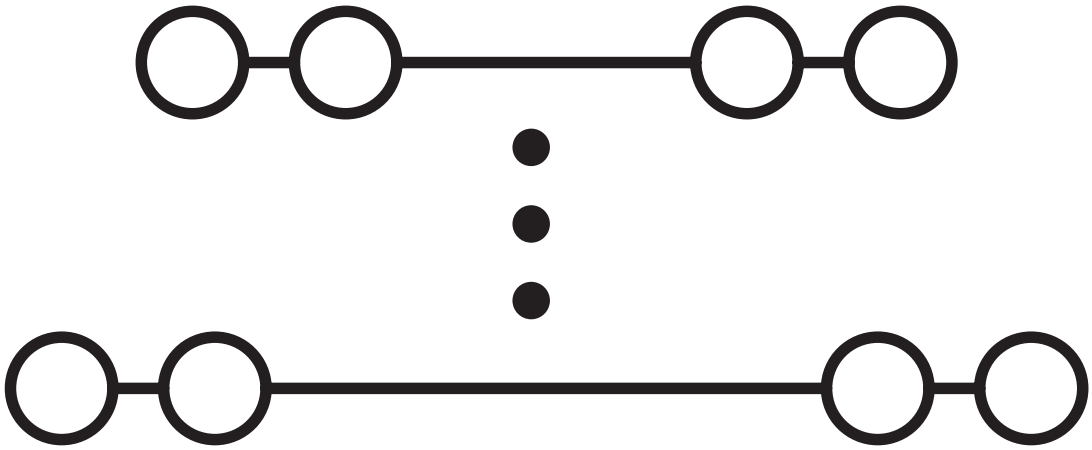
Connection in acc. with standard	IEC 60947-7-1

Mounting

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

Drawings

Circuit diagram



Approvals

DNV
Approval ID: TAE000016Y

CSA
Approval ID: 13631

	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
Use group B				
	300 V	10 A	26 - 14	-
Use group D				
	300 V	10 A	26 - 14	-

IECEE CB Scheme
Approval ID: NL-58817

	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
	250 V	8 A	-	-

EAC
Approval ID: RU C-DE.BL08.B.00682

cULus Recognized
Approval ID: E60425

	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
Use group D				
	300 V	10 A	26 - 14	-

KEMA-KEUR
Approval ID: 71-102890

	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
Only flexible conductors	250 V	8 A	-	0.14 - 1.5
Only rigid conductors	250 V	8 A	-	0.14 - 2.5

Classifications

ECLASS

ECLASS-9.0	27141120
ECLASS-10.0.1	27141120
ECLASS-11.0	27141120

ETIM

ETIM 8.0	EC000897

UNSPSC

UNSPSC 21.0	39121400

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Accessories

Spacer plate

Spacer plate - DP-PTRV 8 - 3270166

https://www.phoenixcontact.com/us/products/3270166



Spacer plate, length: 100 mm, width: 8.3 mm, height: 86 mm, color: gray

Zack marker strip

Zack marker strip - ZB 8,3:UNBEDRUCKT - 0803444

https://www.phoenixcontact.com/us/products/0803444



Zack marker strip, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 8.3 mm, lettering field size: 10.5 x 8.3 mm

Retaining bracket

Retaining bracket - CDC-PTRV - 3270167

https://www.phoenixcontact.com/us/products/3270167



Retaining bracket, via four PTRV single modules, pitch: 8.3 mm, width: 35.6 mm, height: 71.5 mm, color: gray

Zack marker strip

Zack marker strip - ZB 8,3,LGS:FORTL.ZAHLEN - 0803480

https://www.phoenixcontact.com/us/products/0803480



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 8.3 mm, lettering field size: 10. 5 x 8.3 mm

Mounting material

Mounting material - PT-IL - 3208090

https://www.phoenixcontact.com/us/products/3208090

Operating decal for the push-in Technology



Zack marker strip

Zack marker strip - ZB 8,3,QR:FORTL.ZAHLEN - 0803479

https://www.phoenixcontact.com/us/products/0803479



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 8.3 mm, lettering field size: 10. 5 x 8.3 mm

Screwdriver

Screwdriver - SZF 0-0,4X2,5 - 1204504

https://www.phoenixcontact.com/us/products/1204504

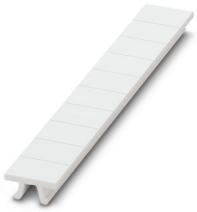


Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.4 x 2.5 x 75 mm, 2-component grip, with non-slip grip

Zack marker strip

Zack marker strip - ZB 8,3 CUS - 8191573

https://www.phoenixcontact.com/us/products/8191573



Zack marker strip, Strip, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 8.3 mm, lettering field size: 10.5 x 8.3 mm

Actuation tool

Actuation tool - ST-BW 0 - 1200135

https://www.phoenixcontact.com/us/products/1200135



Actuation tool, for all 1.5 mm^2 spring cages from PT 1,5/S and FT 1,5/S

End cover

End cover - D-PTRV 8 WH - 3270154

https://www.phoenixcontact.com/us/products/3270154



End cover, length: 100 mm, width: 3.8 mm, height: 80.8 mm, color: white

End cover

End cover - D-PTRV 8 WH 1-8 - 3270155

https://www.phoenixcontact.com/us/products/3270155



End cover, length: 100 mm, width: 2.2 mm, height: 80.8 mm, color: white

End cover

End cover - D-PTRV 8 WH 1-8 LGS - 3270240

https://www.phoenixcontact.com/us/products/3270240



End cover, length: 100 mm, width: 2.2 mm, height: 80.8 mm, color: white

End cover

End cover - D-PTRV 8 WH 8-1 - 3270242

https://www.phoenixcontact.com/us/products/3270242



End cover, length: 100 mm, width: 2.2 mm, height: 80.8 mm, color: white

End cover

End cover - D-PTRV 8 WH 8-1 LGS - 3270244

https://www.phoenixcontact.com/us/products/3270244



End cover, length: 100 mm, width: 2.2 mm, height: 80.8 mm, color: white

End cover

End cover - D-PTRV 8 WH 1-16 - 3270228

https://www.phoenixcontact.com/us/products/3270228



End cover, length: 100 mm, width: 2.2 mm, height: 80.8 mm, color: white

End cover

End cover - D-PTRV 8 WH 1-16 LGS - 3270229

https://www.phoenixcontact.com/us/products/3270229



End cover, length: 100 mm, width: 2.2 mm, height: 80.8 mm, color: white

End cover

End cover - D-PTRV 8 WH 9-16 - 3270211

https://www.phoenixcontact.com/us/products/3270211



End cover, length: 100 mm, width: 2.2 mm, height: 80.8 mm, color: white

End cover

End cover - D-PTRV 8 WH 9-16 LGS - 3270212

https://www.phoenixcontact.com/us/products/3270212



End cover, length: 100 mm, width: 2.2 mm, height: 80.8 mm, color: white

End cover

End cover - D-PTRV 8 WH 17-24 - 3270213

https://www.phoenixcontact.com/us/products/3270213



End cover, length: 100 mm, width: 2.2 mm, height: 80.8 mm, color: white

End cover

End cover - D-PTRV 8 WH 17-24 LGS - 3270214

https://www.phoenixcontact.com/us/products/3270214



End cover, length: 100 mm, width: 2.2 mm, height: 80.8 mm, color: white

End cover

End cover - D-PTRV 8 WH 25-32 - 3270215

https://www.phoenixcontact.com/us/products/3270215



End cover, length: 100 mm, width: 2.2 mm, height: 80.8 mm, color: white

End cover

End cover - D-PTRV 8 WH 25-32 LGS - 3270216

https://www.phoenixcontact.com/us/products/3270216



End cover, length: 100 mm, width: 2.2 mm, height: 80.8 mm, color: white

End cover

End cover - D-PTRV 8 WH A-H - 3270156

https://www.phoenixcontact.com/us/products/3270156



End cover, length: 100 mm, width: 2.2 mm, height: 80.8 mm, color: white

End cover

End cover - D-PTRV 8 WH A-H LGS - 3270241

https://www.phoenixcontact.com/us/products/3270241



End cover, length: 100 mm, width: 2.2 mm, height: 80.8 mm, color: white

End cover

End cover - D-PTRV 8 WH H-A - 3270243

https://www.phoenixcontact.com/us/products/3270243



End cover, length: 100 mm, width: 2.2 mm, height: 80.8 mm, color: white

End cover

End cover - D-PTRV 8 WH H-A LGS - 3270245

https://www.phoenixcontact.com/us/products/3270245



End cover, length: 100 mm, width: 2.2 mm, height: 80.8 mm, color: white

DIN rail perforated

DIN rail perforated - NS 35/ 7,5 PERF 2000MM - 0801733

https://www.phoenixcontact.com/us/products/0801733



DIN rail perforated, acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver, Pack of 25 (50 m)

DIN rail, unperforated

DIN rail, unperforated - NS 35/ 7,5 UNPERF 2000MM - 0801681

https://www.phoenixcontact.com/us/products/0801681



DIN rail, unperforated, acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver, Pack of 25 (50 m)

DIN rail perforated

DIN rail perforated - NS 35/ 7,5 WH PERF 2000MM - 1204119

https://www.phoenixcontact.com/us/products/1204119



DIN rail perforated, acc. to EN 60715, material: Steel, Galvanized, white passivated, Standard profile, color: silver, Pack of 25 (50 m)

DIN rail, unperforated

DIN rail, unperforated - NS 35/ 7,5 WH UNPERF 2000MM-VPE 10 - 1204122

https://www.phoenixcontact.com/us/products/1204122



DIN rail, unperforated, acc. to EN 60715, material: Steel, Galvanized, white passivated, Standard profile, color: silver, Pack of 10 (20 m)

DIN rail, unperforated

DIN rail, unperforated - NS 35/ 7,5 AL UNPERF 2000MM - 0801704

https://www.phoenixcontact.com/us/products/0801704



DIN rail, unperforated, acc. to EN 60715, material: Aluminum, uncoated, Standard profile, color: silver, Pack of 25 (50 m)

DIN rail perforated

DIN rail perforated - NS 35/ 7,5 ZN PERF 2000MM - 1206421

https://www.phoenixcontact.com/us/products/1206421



DIN rail perforated, acc. to EN 60715, material: Steel, galvanized, Standard profile, color: silver, Pack of 25 (50 m)

DIN rail, unperforated

DIN rail, unperforated - NS 35/ 7,5 ZN UNPERF 2000MM - 1206434

https://www.phoenixcontact.com/us/products/1206434



DIN rail, unperforated, acc. to EN 60715, material: Steel, galvanized, Standard profile, color: silver, Pack of 25 (50 m)

DIN rail, unperforated

DIN rail, unperforated - NS 35/ 7,5 CU UNPERF 2000MM-VPE 10 - 0801762

https://www.phoenixcontact.com/us/products/0801762



DIN rail, unperforated, acc. to EN 60715, material: Copper, uncoated, Standard profile, color: copper-colored, Pack of 10 (20 m)

End cap

End cap - NS 35/ 7,5 CAP - 1206560

https://www.phoenixcontact.com/us/products/1206560

DIN rail end piece, for DIN rail NS 35/7.5



End clamp

End clamp - CLIPFIX 35 - 3022218

https://www.phoenixcontact.com/us/products/3022218



Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, width: 9.5 mm, color: gray

End clamp

End clamp - CLIPFIX 35-5 - 3022276

https://www.phoenixcontact.com/us/products/3022276

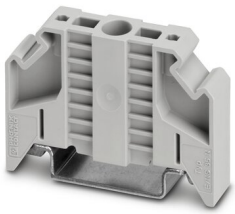


Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, with parking option for FBS...5, FBS...6, KSS 5, KSS 6, width: 5. 15 mm, color: gray

End clamp

End clamp - E/NS 35 N - 0800886

https://www.phoenixcontact.com/us/products/0800886

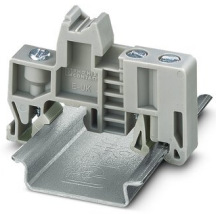


End clamp, width: 9.5 mm, color: gray

End clamp

End clamp - E/UK - 1201442

https://www.phoenixcontact.com/us/products/1201442



End clamp, material: PA, color: gray, Mounting on a DIN rail NS 32 or NS 35

End clamp

End clamp - E/UK 1 - 1201413

https://www.phoenixcontact.com/us/products/1201413



End clamps, for supporting the ends of double-level and three-level terminal blocks, width: 10 mm, color: gray

Phoenix Contact 2022 © - all rights reserved
https://www.phoenixcontact.com

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com