

PTPOWER 95-FE


Order No.: 3260139

Image shows the version in gray



Feed-through terminal block, Connection method: Push-in connection,
Cross section: 25 mm² - 95 mm², AWG: 4 - 3/0, Width: 25 mm,
Color: black/yellow, Mounting type: NS 35/15

Commercial data

EAN	 4 046356 779050
Pack	10
Customs tariff	85369010
Gross weight in pieces	99.99 g
Country of Origin	PL
Catalog page information	Page 109 (CAT-3-2013)

Product notes

WEEE/RoHS-compliant since:
11/07/2012



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Technical data

General

Number of levels	1
Number of connections	2
Color	black/yellow
Insulating material	PA
Inflammability class according to UL 94	V0

Area of application	Railway industry
	Mechanical engineering
	Plant engineering

Dimensions

Width	25 mm
Length	105.5 mm
Height NS 35/15	108.7 mm

General

Maximum load current	232 A (with 95 mm ² conductor cross section)
Rated surge voltage	8 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current I _N	232 A
Nominal voltage U _N	1500 V
Open side panel	nein
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	9.8 kV
Result of surge voltage test	Test passed
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	25 mm ² / 4.5 kg
	95 mm ² /14 kg
Result of bending test	Test passed
Conductor cross section tensile test	25 mm ²
Tractive force setpoint	135 N
Conductor cross section tensile test	95 mm ²
Tractive force setpoint	351 N
Tensile test result	Test passed

Setpoint	15 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	95 mm ²
Short-time current	11.4 kA
Short circuit stability result	Test passed
Ageing test for screwless modular terminal block temperature cycles	192
Result of aging test	Test passed
Proof of thermal characteristics (needle flame) effective duration	30 s
Result of thermal test	Test passed
Test specification, oscillation, broadband noise	DIN EN 50155 (VDE 0115-200):2008-03
Test spectrum	Service life test category 2, bogie mounted
Test frequency	$f_1 = 5$ Hz to $f_2 = 250$ Hz
ASD level	6.12 (m/s ²) ² /Hz
Acceleration	3.12 g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis
Oscillation, broadband noise test result	Test passed
Test specification, shock test	DIN EN 50155 (VDE 0115-200):2008-03
Shock form	Half-sine
Acceleration	30 g
Shock duration	18 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)
Shock test result	Test passed
Temperature index, insulating material (DIN EN 60216-1 (VDE 0304-21))	125 °C
Static insulating material application in cold	-60 °C

Connection data

Conductor cross section solid min.	25 mm ²
Conductor cross section solid max.	95 mm ²
Conductor cross section AWG/kcmil min.	4

Conductor cross section AWG/kcmil max	3/0
Conductor cross section stranded min.	25 mm ²
Conductor cross section stranded max.	95 mm ²
Min. AWG conductor cross section, stranded	4
Max. AWG conductor cross section, stranded	4/0
Conductor cross section stranded, with ferrule without plastic sleeve min.	25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	95 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	95 mm ²
Cross section with insertion bridge, solid max.	95 mm ²
Cross section with insertion bridge, stranded max.	70 mm ²
Connection method	Push-in connection
Stripping length	40 mm

Certificates

Certification

Certifications applied for:

Certification Ex:

Accessories

Item	Designation	Description
Assembly		
3260145	AGK 10-PTPOWER	Pick-off terminal block, Connection method: Push-in connection, Cross section: 0.5 mm ² - 16 mm ² , AWG: 20 - 6, Width: 18.5 mm, Height: 34.7 mm, Color: gray, Mounting type: On base element
3260154	AGK 10-PTPOWER BK/YE	Pick-off terminal block, Connection method: Push-in connection, Cross section: 0.5 mm ² - 16 mm ² , AWG: 20 - 6, Width: 18.5 mm, Height: 34.7 mm, Color: black/yellow, Mounting type: On base element
3260148	AGK 10-PTPOWER BU	Pick-off terminal block, Connection method: Push-in connection, Cross section: 0.5 mm ² - 16 mm ² , AWG: 20 - 6, Width: 18.5 mm, Height: 34.7 mm, Color: blue, Mounting type: On base element

3260151	AGK 10-PTPOWER GN/YE	Pick-off terminal block, Connection method: Push-in connection, Cross section: 0.5 mm ² - 16 mm ² , AWG: 20 - 6, Width: 18.5 mm, Height: 34.7 mm, Color: green/yellow, Mounting type: On base element
1201662	E/AL-NS 35	End clamp, for end support of UKH 50 to UKH 240, is pushed onto DIN rail NS 35 and fixed with 2 screws, width: 10 mm, color: aluminum
1201756	NS 35/15 AL UNPERF 2000MM	DIN rail, deep drawn, high profile, unperforated, 1.5 mm thick, material: aluminum, height 15 mm, width 35 mm, length 2000 mm
1206573	NS 35/15 CAP	DIN rail end piece, for DIN rail NS 35/15
1201895	NS 35/15 CU UNPERF 2000MM	DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m
1201730	NS 35/15 PERF 2000MM	DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 15 mm, width 35 mm, length: 2000 mm
1201714	NS 35/15 UNPERF 2000MM	DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m
0806602	NS 35/15 WH PERF 2000MM	DIN rail 35 mm (NS 35)
1204135	NS 35/15 WH UNPERF 2000MM	DIN rail 35 mm (NS 35)
1206599	NS 35/15 ZN PERF 2000MM	DIN rail, material: Galvanized, perforated, height 15 mm, width 35 mm, length: 2 m
1206586	NS 35/15 ZN UNPERF 2000MM	DIN rail, material: Galvanized, unperforated, height 15 mm, width 35 mm, length: 2 m

General

3260157	EB 2-25/PT	Insertion bridge, Number of positions: 2, Color: red
3260160	EB 3-25/PT	Insertion bridge, Number of positions: 3, Color: red

Marking

0828295	TMT (EX9,5)R	Marker for terminal blocks, Roll, white, Unlabeled, Can be labeled with: THERMOMARK ROLL, THERMOMARK X, THERMOMARK S1.1, Mounting type: Snap into universal marker groove, Snap into flat marker groove, Lettering field: 9.5 x 50000 mm
0819217	UC-TM 16	Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: BLUEMARK CLED, BLUEMARK LED, Plotter, Mounting type: Snap into tall marker groove, For terminal block width: 16 mm, Lettering field: 15.45 x 10.5 mm
0824621	UC-TM 16 CUS	Marker for terminal blocks, Can be ordered: By sheet, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, For terminal block width: 16 mm, Lettering field: 15.45 x 10.5 mm
0819262	UC-TMF 16	Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: BLUEMARK CLED, BLUEMARK LED, Plotter, Mounting type: Snap into flat marker groove, For terminal block width: 16 mm, Lettering field: 15.45 x 5.1 mm

0824678	UC-TMF 16 CUS	Marker for terminal blocks, Can be ordered: By sheet, white, Labeled according to customer specifications, Mounting type: Snap into flat marker groove, For terminal block width: 16 mm, Lettering field: 15.45 x 5.1 mm
0829146	UCT-TM 16	Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: THERMOMARK CARD PLUS, THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, Mounting type: Snap into tall marker groove, For terminal block width: 16 mm, Lettering field: 14.8 x 9.6 mm
0829637	UCT-TM 16 CUS	Marker for terminal blocks, Can be ordered: By sheet, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, For terminal block width: 16 mm, Lettering field: 14.8 x 9.6 mm
0829218	UCT-TMF 16	Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: THERMOMARK CARD PLUS, THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, Mounting type: Snap into flat marker groove, For terminal block width: 16 mm, Lettering field: 15.2 x 4.7 mm
0829693	UCT-TMF 16 CUS	Marker for terminal blocks, Can be ordered: By sheet, white, Labeled according to customer specifications, Mounting type: Snap into flat marker groove, For terminal block width: 16 mm, Lettering field: 15.2 x 4.7 mm
0827463	ZB 16 CUS	Zack marker strip, Can be ordered: Strip, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, For terminal block width: 16.3 mm, Lettering field: 10.5 x 16.25 mm
0827461	ZB 16:UNPRINTED	Zack marker strip, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into tall marker groove, For terminal block width: 16 mm, Lettering field: 16 x 10.5 mm
0827465	ZBF 16 CUS	Zack Marker strip, flat, Can be ordered: Strip, white, Labeled according to customer specifications, Mounting type: Snap into flat marker groove, For terminal block width: 16 mm, Lettering field: 5.15 x 16 mm
0827464	ZBF 16:UNPRINTED	Zack Marker strip, flat, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into flat marker groove, Lettering field: 16.25 x 10.5 mm

Plug/Adapter

0201731	MPS-IH BK	Insulating sleeve, Color: black
0201689	MPS-IH BU	Insulating sleeve, Color: blue
0201702	MPS-IH GN	Insulating sleeve, Color: green
0201728	MPS-IH GY	Insulating sleeve, Color: gray
0201676	MPS-IH RD	Insulating sleeve, Color: red
0201663	MPS-IH WH	Insulating sleeve, Color: white
0201692	MPS-IH YE	Insulating sleeve, Color: yellow
0201744	MPS-MT	Test plugs

Software

5146040	CLIP-PROJECT ADVANCED	Multilingual software for easy planning of Phoenix Contact on DIN rails together with the integrated TRABTECH-select software module for planning comprehensive surge protection concepts.
5146053	CLIP-PROJECT PROFESSIONAL	Multi-lingual software for terminal strip project planning. A marking module allows professional labeling of markers and labels for marking terminal blocks, conductors, cables and devices. The additionally integrated software module TRABTECH-select for planning comprehensive surge protection concepts.

Tools

1206612	SZF 3-1,0X5,5	Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 1.0 x 5.5 x 150 mm, 2-component grip, with non-slip grip
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Drawings

Circuit diagram



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