

UPBV 4/ 4

Order No.: 3045839

The illustration shows the 6-position version

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3045839>

Connectors, Type of connection: Screw connection, Screw connection, Number of positions: 4, Cross section: 0.14 mm² - 6 mm², AWG 26 - 10, Width: 24.8 mm, Height: 47 mm, Color: gray

Commercial data

GTIN (EAN)	4046356083348
sales group	A871
Pack	50 pcs.
Customs tariff	85366990
Weight/Piece	0.024984 KG
Catalog page information	Page 29 (NTK-2010)

Product notes

WEEE/RoHS-compliant since:
01/01/2006



<http://www.download.phoenixcontact.com>
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Technical data

Dimensions

Width	24.8 mm
Length	21 mm
Height	47 mm

Technical data

Maximum load current	32 A (with 6 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 61984
Nominal current I _N	32 A
Nominal voltage U _N	800 V
Number of positions	4

Connection data

Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	6 mm ²
Conductor cross section stranded min.	0.14 mm ²
Conductor cross section stranded max.	6 mm ²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	10
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.14 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	4 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.	4 mm ²
2 conductors with same cross section, solid min.	0.14 mm ²
2 conductors with same cross section, solid max.	1.5 mm ²
2 conductors with same cross section, stranded min.	0.14 mm ²
2 conductors with same cross section, stranded max.	1.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.14 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm ²

Type of connection	Screw connection
Stripping length	9 mm
Internal cylindrical gage	A4
Screw thread	M3
Tightening torque, min	0.6 Nm
Tightening torque max	0.8 Nm

Certificates / Approvals



Certification

CUL, UL

CUL

Nominal voltage U_N	600 V
Nominal current I_N	30 A
AWG/kcmil	26-10

UL

Nominal voltage U_N	600 V
Nominal current I_N	30 A
AWG/kcmil	26-10

Accessories

Item	Designation	Description
Assembly		
3040591	PSH 3- 6	Test plugs, Color: black
3040601	PSH 5-10	Test plugs, Color: black
3045567	UPR/ 2	Latching, Number of positions: 2, Color: orange
3045570	UPRZ	Latching, Number of positions: 2, Color: orange
3045554	UPZ/ 2	Strain relief, Number of positions: 2, Color: black

Bridges

3030336	FBS 2-6	Plug-in bridge, Number of positions: 2, Color: red
3030242	FBS 3-6	Plug-in bridge, Number of positions: 3, Color: red
3030255	FBS 4-6	Plug-in bridge, Number of positions: 4, Color: red

3030349	FBS 5-6	Plug-in bridge, Number of positions: 5, Color: red
3030271	FBS 10-6	Plug-in bridge, Number of positions: 10, Color: red

General

3060432	DF-UPBV 2,5/ 4	Cover flange, Color: gray
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Plug/Adapter

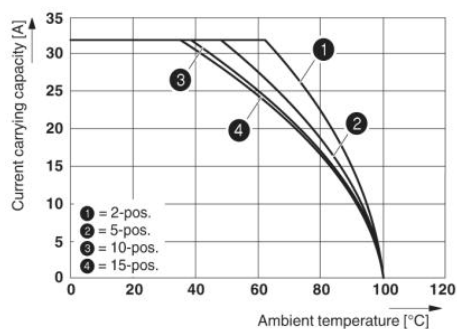
0201689	MPS-IH BU	Insulating sleeve, Color: blue
0201676	MPS-IH RD	Insulating sleeve, Color: red
0201663	MPS-IH WH	Insulating sleeve, Color: white
0201744	MPS-MT	Metal part
3030925	PAI-4	Test adapter, Color: gray
3030996	PS-6	Test adapter, Color: red

Tools

1205053	SZS 0,6X3,5	Screwdriver, bladed, matches all screw terminal blocks up to 4.0 mm ² connection cross section, blade: 0.6 x 3.5 mm, without VDE approval
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Diagrams/Drawings

Diagram



The figure shows the derating curve of the UT 4/1P... terminal block in connection with the UPVB 4 connector

Circuit diagram



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