

UPBV 2,5/ 5


Order No.: 3045431

The illustration shows the 6-position version

<http://catalog.phoenixcontact.net/phoenix/treeViewClick.do?UID=3045431>

Plug, Connection method: Screw connection, Number of positions: 5,
Cross section: 0.14 mm² - 4 mm², AWG: 26 - 12, Width: 26 mm,
Height: 47 mm, Color: gray

Commercial data

EAN	 4 046356 055642
sales group	A871
Pack	50 Pcs.
Customs tariff	85366990
Gross weight in pieces	0.02628 KG
Net weight per piece	0.02628 KG
Catalog page information	Page 408 (C-3-2013)

Product notes

WEEE/RoHS-compliant since:
11/03/2004



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

General

Number of levels	1
Number of connections	5
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0

General

Maximum load current	24 A (with 4 mm ² conductor cross section)
Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 61984
Maximum load current (lower level)	24 A
Additional text	with 4 mm ² conductor cross section
Nominal current I _N (lower level)	24 A
Nominal voltage U _N	500 V
Number of positions	5
Temperature index, insulating material (DIN EN 60216-1 (VDE 0304-21))	120 °C

Dimensions

Width	26 mm
Length	20.5 mm
Height	47 mm

Connection data

Connection in acc. with standard	IEC 61984
Connection method	Screw connection
Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	12
Conductor cross section stranded min.	0.14 mm ²
Conductor cross section stranded max.	4 mm ²
Min. AWG conductor cross section, stranded	26
Max. AWG conductor cross section, stranded	12
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.14 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 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.	2.5 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
Stripping length	9 mm
Internal cylindrical gage	A3
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Certificates / Approvals



Certification

cULus Recognized

Certifications applied for:

Certification Ex:

Accessories

Item	Designation	Description
Assembly		
3040591	PSH 3- 6	Shield connection clamp, Color: black
3040601	PSH 5-10	Shield connection clamp, 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

3030161	FBS 2-5	Plug-in bridge, Number of positions: 2, Color: red
3030174	FBS 3-5	Plug-in bridge, Number of positions: 3, Color: red
3030187	FBS 4-5	Plug-in bridge, Number of positions: 4, Color: red
3030190	FBS 5-5	Plug-in bridge, Number of positions: 5, Color: red
3030213	FBS 10-5	Plug-in bridge, Number of positions: 10, Color: red
3030226	FBS 20-5	Plug-in bridge, Number of positions: 20, Color: red
3038930	FBS 50-5	Plug-in bridge, Number of positions: 50, Color: red

Connector/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, Color: silver
3032871	PAI-4-N GY	Test plugs, Color: gray
3030983	PS-5	Test plugs, Color: red
3038723	PS-5/2,3MM RD	Test plugs, Color: red

Covers

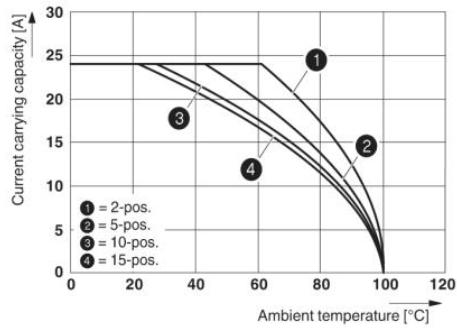
3060432	DF-UPBV 2,5/ 4	Flange cover, Length: 45.7 mm, Width: 4.5 mm, Height: 32 mm, Color: gray
3036725	DP PS-5	Spacer plate, Color: red

Tools

1205053	SZS 0,6X3,5	Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip
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Drawings

Diagram



The figure shows the derating curve of the UT 2,5/1P... terminal block in connection with the UPBV 2,5 plug

Circuit diagram



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