

UPBV 2,5/12

Order No.: 3045512

The illustration shows the 6-position version



<http://catalog.phoenixcontact.net/phoenix/treeViewClick.do?UID=3045512>

Plug, Connection method: Screw connection, Number of positions: 12,
Cross section: 0.14 mm² - 4 mm², AWG: 26 - 12, Width: 62.4 mm,
Height: 47 mm, Color: gray

Commercial data

EAN	4 046356 055710
sales group	A871
Pack	10 Pcs.
Customs tariff	85366990
Gross weight in pieces	0.06277 KG
Net weight per piece	0.06277 KG
Catalog page information	Page 408 (C-3-2013)

Product notes

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



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Technical data

General

Number of levels	1
Number of connections	12
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	12

Dimensions

Width	62.4 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

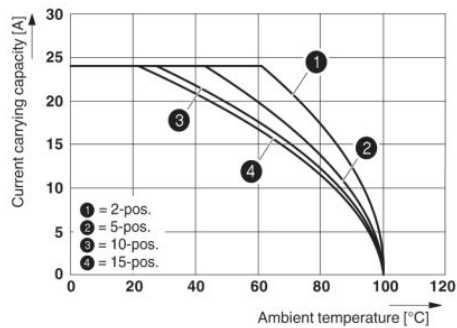
3060432	DF-UPBV 2,5/ 4	Flange cover, Length: 45.7 mm, Width: 4.5 mm, Height: 32 mm, Color: gray
3036725	DP PS-5	Spacer plate, Color: red

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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