

WPD 501 2X25/2X16 1XGN/3XGY/1XBL**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image****Building installation wiring**

For building installations, we offer a complete system that revolves around the 10×3 copper rail and comprises perfectly coordinated components: from installation terminal blocks, neutral conductor terminal blocks and distribution terminal blocks to comprehensive accessories such as busbars and busbar holders.

General ordering data

Version	W-Series, Distribution block, Rated cross-section: Screw connection, Terminal rail / mounting plate
Order No.	1562140000
Type	WPD 501 2X25/2X16 1XGN/3XGY/1XBL
GTIN (EAN)	4050118385229
Qty.	1 pc(s).

WPD 501 2X25/2X16 1XGN/3XGY/1XBL

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Depth	49.3 mm	Depth (inches)	1.941 inch
Height	55.7 mm	Height (inches)	2.193 inch
Net weight	342 g	Width	88.8 mm
Width (inches)	3.496 inch		

Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	130		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
------------	----------------

Material data

Material	Wemid	Colour	blue, green, Light Grey
UL 94 flammability rating	V-0		

System specifications

Version	Screw connection	End cover plate required	No
Number of potentials	5	Number of levels	1
Number of clamping points per level	10	Number of potentials per tier	5
Levels cross-connected internally	No	PE connection	No
N-function	Yes	PE function	No
PEN function	No		

Additional technical data

Installation advice	Terminal rail / mounting plate	Open sides	closed
Snap-on	No	Type of mounting	Snap-on
With snap-in pegs	No		

Conductors for clamping (rated connection)

Connection direction	on side	Type of connection	Screw connection
----------------------	---------	--------------------	------------------

General

Installation advice	Terminal rail / mounting plate	Number of poles	5
Standards	IEC 60947-7-1, IEC 61238-1, VDE 0603-2		

Rating data

Rated voltage	1,000	Rated AC voltage	1,000 V AC
Rated DC voltage	1,000 V DC	Rated current	152 A
Current at maximum wires	152 A	Standards	IEC 60947-7-1, IEC 61238-1, VDE 0603-2

WPD 501 2X25/2X16 1XGN/3XGY/1XBL

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Technical data

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ECLASS 9.0	27-14-11-20	ECLASS 9.1	27-14-11-20
ECLASS 10.0	27-14-11-20	ECLASS 11.0	27-14-11-20

Approvals

Approvals



ROHS

Conform

Downloads

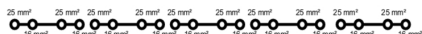
Approval/Certificate/Document of Conformity	CB Certificate EAC certificate VDE Certificate Declaration of Conformity Declaration of Conformity
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD
User Documentation	StorageConditionsTerminalBlocks DATA SHEET WPD 501

WPD 501 2X25/2X16 1XGN/3XGY/1XBL

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Drawings



Technical data

Inputs

Number of connections

Solid

Stranded

Flexible with ferrule

Ribbon cable

Torque

Clamping screw

Stripping length

Outputs

Number of connections

Solid

Stranded

Flexible with ferrule

Torque

Clamping screw

Stripping length

No. of poles

Note

IEC 60947-7-1, IEC 61238-1

top	mid./left	mid./mid.	mid./right	bottom
-----	-----------	-----------	------------	--------

5

5

2.5...25mm²

2.5...16mm²

2.5...25mm²

2.5...16mm²

1.5...16mm²

1.5...10mm²

2.5Nm

2.5Nm

M 6

M 6

19mm

19mm

top	mid./left	mid./mid.	mid./right	bottom
-----	-----------	-----------	------------	--------

5

5

2.5...25mm²

2.5...16mm²

2.5...25mm²

2.5...16mm²

1.5...16mm²

1.5...10mm²

2.5Nm

2.5Nm

M 6

M 6

19mm

19mm

5

Aluminium conductor 16 mm² = 4.0 Nm; 25 mm² = 4.0 Nm