Data sheet

WPD 104 1X25+1X16/2X16+3X10 GY

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

www.weidmueller.com

Product image



Our WPD 1XX distribution blocks are used in all situations where power is supplied and distributed. Their user-friendly design creates a better overview and enables Rapid, efficient implementation of space-saving power distribution.

General ordering data

Version	Potential distributor terminal, Screw connection, grey, 25 mm², 164 A, 1000 V, Number of connections: 7, Number of levels: 1
Order No.	1562000000
Type	WPD 104 1X25+1X16/2X16+3X10 GY
GTIN (EAN)	4050118367157
Qty.	1 items

WPD 104 1X25+1X16/2X16+3X10 GY

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

www.weidmueller.com

Technical data

Approvals

Approvals	
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E60693

Dimensions and weights

Depth	49 mm	Depth (inches)	1.9291 inch
Height	68 mm	Height (inches)	2.6772 inch
Width	31.5 mm	Width (inches)	1.2402 inch
Net weight	96 g		

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-60 °C...85 °C
Continuous operating temperature, min.	-50 °C	Continuous operating temperature, max.	130 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	9b5f0838-1f0b-4c14-9fc7-3f5e6ee75be2

Material data

Basic material	Wemid	Colour	grey
UL 94 flammability rating	V-0		

Rating data IECEx/ATEX

Certificate No. (ATEX)	CNEX16ATEX0005U	Certificate No. (IECEX)	IECEXCNEX16.0005U
Max. voltage (ATEX)	550 V	Current (ATEX)	101 A
Wire cross section max. (ATEX)	25 mm²	Max. voltage (IECEX)	550 V
Current (IECEX)	101 A		

System specifications

Version	Screw connection	End cover plate required	No
Number of potentials	1	Number of levels	1
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	Yes	PE connection	No
Mounting rail	Mounting plate, TS 35	N-function	Yes
PE function	No	PEN function	No

WPD 104 1X25+1X16/2X16+3X10 GY

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

www.weidmueller.com

Technical data

Additional technical data

Open sides	closed	Installation advice	Terminal rail / mounting plate
Explosion-tested version	Yes	Type of mounting	Snap-on

CSA rating data

Certificate number (cCSAus)	70128467

Conductors for clamping (additional connection)

Connection type, additional connection	Screw connection

Conductors for clamping (rated connection)

Wire connection cross section AWG, max.	AWG 4	Connection direction	on side
Type of connection 2	Screw connection	Type of connection	Screw connection
Number of connections	7	Conductor cross-section (rated connection), max.	25 mm²
Conductor cross-section (rated connection), min.	1.5 mm²	Wire connection cross section AWG, min.	AWG 16
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	1.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	16 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 mm²	Wire connection cross-section, finely stranded, max.	0 mm²
Wire connection cross section, finely stranded, min.	1.5 mm²	Connection cross-section, stranded, max.	25 mm²
Connection cross-section, stranded, min.	1.5 mm²	Wire connection cross-section, solid core, max.	25 mm²
Wire connection cross-section, solid core, min.	1.5 mm²		

General

Number of poles	1	Wire connection cross section AWG, max.	AWG 4
Installation advice	Terminal rail / mounting plate	Wire connection cross section AWG, min.	AWG 16
Standards	IEC 60947-7-1, UL 1059	Mounting rail	Mounting plate, TS 35

Rating data

Rated cross-section	25 mm²	Rated voltage	1000 V
Rated AC voltage	1000 V	Rated DC voltage	1000 V
Nominal current	164 A	Current at maximum wires	164 A
Standards	IEC 60947-7-1, UL 1059		

UL rating data

Certificate No. (cURus)	E60693

Classifications

ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 14.0	27-25-01-19

WPD 104 1X25+1X16/2X16+3X10 GY

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

www.weidmueller.com

Technical data

ECLASS 15.0	27-25-01-19

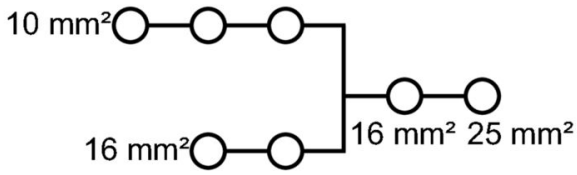
Data sheet

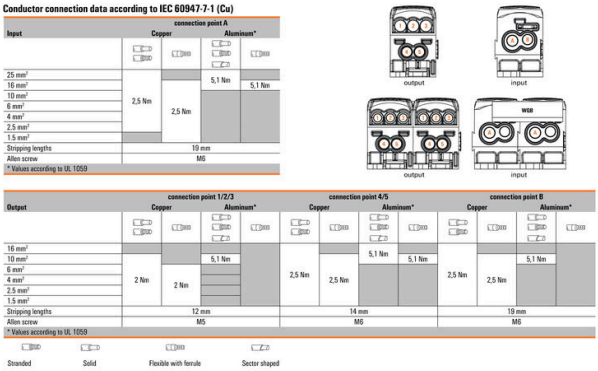
WPD 104 1X25+1X16/2X16+3X10 GY

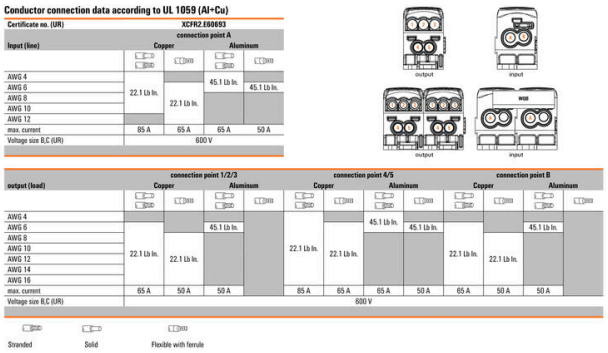
Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

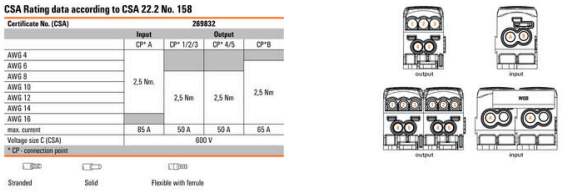
www.weidmueller.com

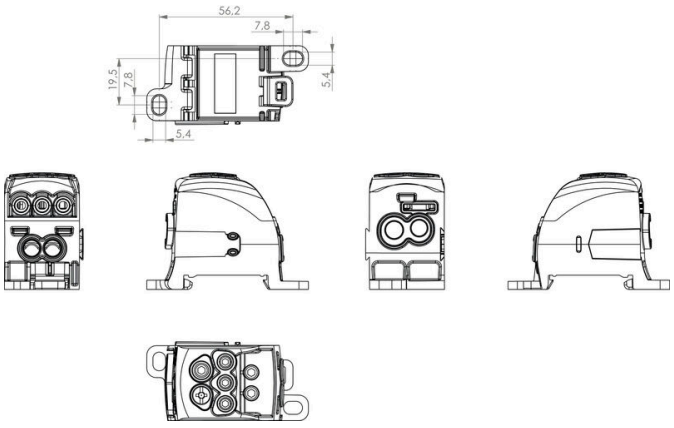
Drawings

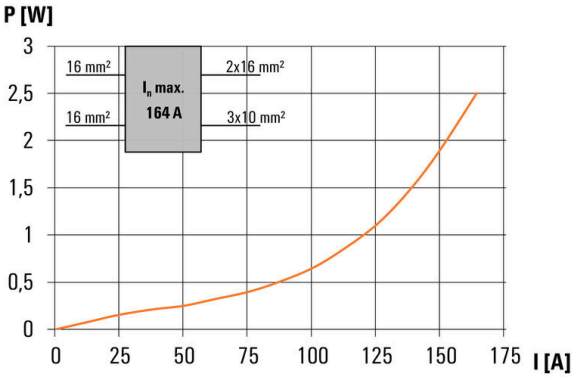












WPD 104 1X25+1X16/2X16+3X10 GY

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

www.weidmueller.com

Accessories

Cross-connections



The distribution or multiplication of a potential to adjoining terminal blocks is realized via a cross-connection. Additional wiring effort can be easily avoided. Even if the poles are broken out, contact reliability in the terminal blocks is still ensured. Our portfolio offers pluggable and screwable cross-connection systems for modular terminal blocks.

General ordering data

Type	WQB WPD X04/2	Version
Order No.	1561980000	Cross-connector (terminal), Plugged, grey, 135 A, Number of poles: 2,
GTIN (EAN)	4050118367317	Pitch in mm (P): 31.50, Insulated: Yes, Width: 49.3 mm
Qty.	20 ST	
Type	WQB WPD X04/3	Version
Order No.	1561990000	Cross-connector (terminal), Plugged, grey, 135 A, Number of poles: 3,
GTIN (EAN)	4050118367324	Pitch in mm (P): 31.50, Insulated: Yes, Width: 80.2 mm
Qty.	20 ST	

Socket wrench sets



Allen key made from fully hardened, high-alloy chromium-vanadium- steel, acc. to DIN ISO 2936 L (DIN 911), high-quality refined surface.

General ordering data

Type	SKS 2,0-8,0 MR	Version
Order No.	9008870000	socket wrenches
GTIN (EAN)	4032248266623	
Qty.	1 ST	

Crosshead screwdriver Pozidriv



Crosshead screwdriver, Pozidriv, SDK PZ DIN 5262, ISO 8764/2-PZ, output to ISO 8764/1-PZ, ChromTop tip, SoftFinish grip

WPD 104 1X25+1X16/2X16+3X10 GY

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

www.weidmueller.com

Accessories

General ordering data

Type	SDK PZ2	Version
Order No.	9008540000	Screwdriver, Screwdriver
GTIN (EAN)	4032248056538	
Qty.	1 ST	