

WPD 106 1X70/2X25+3X16 RD**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



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, red, 70 mm ² , 215 A, 1000 V, Number of connections: 6, Number of levels: 1
Order No.	2725340000
Type	WPD 106 1X70/2X25+3X16 RD
GTIN (EAN)	4050118796544
Qty.	1 items

WPD 106 1X70/2X25+3X16 RD

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	50.4 mm	Depth (inches)	1.9842 inch
Height	74.5 mm	Height (inches)	2.9331 inch
Width	39.5 mm	Width (inches)	1.5551 inch
Net weight	200 g		

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., 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	e1c310ef-6b67-4efa-80a6-d307472f4de9

Material data

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

Rating data IECEx/ATEX

Certificate No. (ATEX)	CNEX16ATEX0005U	Certificate No. (IECEX)	IECEXCNEX16.0005U
Max. voltage (ATEX)	880 V	Current (ATEX)	160 A
Wire cross section max. (ATEX)	50 mm ²	Max. voltage (IECEX)	880 V
Current (IECEX)	160 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	Mounting rail	Mounting plate, TS 35
N-function	Yes	PE function	No
PEN function	No		

Additional technical data

Open sides	closed	Explosion-tested version	Yes
Type of mounting	Snap-on		

WPD 106 1X70/2X25+3X16 RD

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

www.weidmueller.com

Technical data

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 2/0	Connection direction	on side
Type of connection 2	Screw connection	Type of connection	Screw connection
Number of connections	6	Clamping range, max.	70 mm ²
Clamping range, min.	1.5 mm ²	Wire connection cross section AWG, min.	AWG 16
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	1.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	50 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 mm ²	Wire connection cross section, finely stranded, max.	0 mm ²
Wire connection cross section, finely stranded, min.	1.5 mm ²	Connection cross-section, stranded, max.	70 mm ²
Connection cross-section, stranded, min.	1.5 mm ²	Wire connection cross-section, solid core, max.	70 mm ²
Wire connection cross-section, solid core, min.	1.5 mm ²		

General

Number of poles	1	Wire connection cross section AWG, max.	AWG 2/0
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	70 mm ²	Rated voltage	1000 V
Rated AC voltage	1000 V	Rated DC voltage	1500 V
Nominal current	215 A	Current at maximum wires	215 A
Standards	IEC 60947-7-1, UL 1059		

UL rating data

Certificate No. (cURus) E60693

Important note

Product information The socket complies with flammability class V-2 according to UL94.

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 9.0	27-14-11-20
ECLASS 9.1	27-14-11-20	ECLASS 10.0	27-14-11-20

WPD 106 1X70/2X25+3X16 RD

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

www.weidmueller.com

Technical data

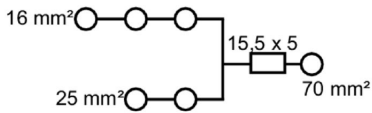
ECLASS 11.0	27-14-11-20	ECLASS 12.0	27-14-11-20
ECLASS 13.0	27-25-01-19	ECLASS 14.0	27-25-01-19
ECLASS 15.0	27-25-01-19		

WPD 106 1X70/2X25+3X16 RD

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

Drawings

www.weidmueller.com



Conductor connection data according to IEC 60417 7 (Da)

Lead Size	conductor part 1		conductor part 2		Terminal
	Upper	Lower	Upper	Lower	
70 mm²	120A	120A	120A	120A	1773
35 mm²	60A	60A	60A	60A	1773
16 mm²	30A	30A	30A	30A	1773
10 mm²	20A	20A	20A	20A	1773
6 mm²	15A	15A	15A	15A	1773
4 mm²	10A	10A	10A	10A	1773
2.5 mm²	7.5A	7.5A	7.5A	7.5A	1773
1.5 mm²	5A	5A	5A	5A	1773
1 mm²	3.5A	3.5A	3.5A	3.5A	1773
0.75 mm²	3A	3A	3A	3A	1773
0.5 mm²	2.5A	2.5A	2.5A	2.5A	1773
0.35 mm²	1.75A	1.75A	1.75A	1.75A	1773
0.25 mm²	1.25A	1.25A	1.25A	1.25A	1773
0.18 mm²	0.9A	0.9A	0.9A	0.9A	1773
0.14 mm²	0.7A	0.7A	0.7A	0.7A	1773
0.1 mm²	0.5A	0.5A	0.5A	0.5A	1773
0.075 mm²	0.375A	0.375A	0.375A	0.375A	1773
0.05 mm²	0.25A	0.25A	0.25A	0.25A	1773
0.035 mm²	0.175A	0.175A	0.175A	0.175A	1773
0.025 mm²	0.125A	0.125A	0.125A	0.125A	1773
0.018 mm²	0.09A	0.09A	0.09A	0.09A	1773
0.014 mm²	0.07A	0.07A	0.07A	0.07A	1773
0.01 mm²	0.05A	0.05A	0.05A	0.05A	1773
0.0075 mm²	0.0375A	0.0375A	0.0375A	0.0375A	1773
0.005 mm²	0.025A	0.025A	0.025A	0.025A	1773
0.0035 mm²	0.0175A	0.0175A	0.0175A	0.0175A	1773
0.0025 mm²	0.0125A	0.0125A	0.0125A	0.0125A	1773
0.0018 mm²	0.009A	0.009A	0.009A	0.009A	1773
0.0014 mm²	0.007A	0.007A	0.007A	0.007A	1773
0.001 mm²	0.005A	0.005A	0.005A	0.005A	1773
0.00075 mm²	0.00375A	0.00375A	0.00375A	0.00375A	1773
0.0005 mm²	0.0025A	0.0025A	0.0025A	0.0025A	1773
0.00035 mm²	0.00175A	0.00175A	0.00175A	0.00175A	1773
0.00025 mm²	0.00125A	0.00125A	0.00125A	0.00125A	1773
0.00018 mm²	0.0009A	0.0009A	0.0009A	0.0009A	1773
0.00014 mm²	0.0007A	0.0007A	0.0007A	0.0007A	1773
0.0001 mm²	0.0005A	0.0005A	0.0005A	0.0005A	1773
0.000075 mm²	0.000375A	0.000375A	0.000375A	0.000375A	1773
0.00005 mm²	0.00025A	0.00025A	0.00025A	0.00025A	1773
0.000035 mm²	0.000175A	0.000175A	0.000175A	0.000175A	1773
0.000025 mm²	0.000125A	0.000125A	0.000125A	0.000125A	1773
0.000018 mm²	0.00009A	0.00009A	0.00009A	0.00009A	1773
0.000014 mm²	0.00007A	0.00007A	0.00007A	0.00007A	1773
0.00001 mm²	0.00005A	0.00005A	0.00005A	0.00005A	1773
0.0000075 mm²	0.0000375A	0.0000375A	0.0000375A	0.0000375A	1773
0.000005 mm²	0.000025A	0.000025A	0.000025A	0.000025A	1773
0.0000035 mm²	0.0000175A	0.0000175A	0.0000175A	0.0000175A	1773
0.0000025 mm²	0.0000125A	0.0000125A	0.0000125A	0.0000125A	1773
0.0000018 mm²	0.000009A	0.000009A	0.000009A	0.000009A	1773
0.0000014 mm²	0.000007A	0.000007A	0.000007A	0.000007A	1773
0.000001 mm²	0.000005A	0.000005A	0.000005A	0.000005A	1773
0.00000075 mm²	0.00000375A	0.00000375A	0.00000375A	0.00000375A	1773
0.0000005 mm²	0.0000025A	0.0000025A	0.0000025A	0.0000025A	1773
0.00000035 mm²	0.00000175A	0.00000175A	0.00000175A	0.00000175A	1773
0.00000025 mm²	0.00000125A	0.00000125A	0.00000125A	0.00000125A	1773
0.00000018 mm²	0.0000009A	0.0000009A	0.0000009A	0.0000009A	1773
0.00000014 mm²	0.0000007A	0.0000007A	0.0000007A	0.0000007A	1773
0.0000001 mm²	0.0000005A	0.0000005A	0.0000005A	0.0000005A	1773
0.000000075 mm²	0.000000375A	0.000000375A	0.000000375A	0.000000375A	1773
0.00000005 mm²	0.00000025A	0.00000025A	0.00000025A	0.00000025A	1773
0.000000035 mm²	0.000000175A	0.000000175A	0.000000175A	0.000000175A	1773
0.000000025 mm²	0.000000125A	0.000000125A	0.000000125A	0.000000125A	1773
0.000000018 mm²	0.00000009A	0.00000009A	0.00000009A	0.00000009A	1773
0.000000014 mm²	0.00000007A	0.00000007A	0.00000007A	0.00000007A	1773
0.00000001 mm²	0.00000005A	0.00000005A	0.00000005A	0.00000005A	1773
0.0000000075 mm²	0.0000000375A	0.0000000375A	0.0000000375A	0.0000000375A	1773
0.000000005 mm²	0.000000025A	0.000000025A	0.000000025A	0.000000025A	1773
0.0000000035 mm²	0.0000000175A	0.0000000175A	0.0000000175A	0.0000000175A	1773
0.0000000025 mm²	0.0000000125A	0.0000000125A	0.0000000125A	0.0000000125A	1773
0.0000000018 mm²	0.000000009A	0.000000009A	0.000000009A	0.000000009A	1773
0.0000000014 mm²	0.000000007A	0.000000007A	0.000000007A	0.000000007A	1773
0.000000001 mm²	0.000000005A	0.000000005A	0.000000005A	0.000000005A	1773
0.00000000075 mm²	0.00000000375A	0.00000000375A	0.00000000375A	0.00000000375A	1773
0.0000000005 mm²	0.0000000025A	0.0000000025A	0.0000000025A	0.0000000025A	1773
0.00000000035 mm²	0.00000000175A	0.00000000175A	0.00000000175A	0.00000000175A	1773
0.00000000025 mm²	0.00000000125A	0.00000000125A	0.00000000125A	0.00000000125A	1773
0.00000000018 mm²	0.0000000009A	0.0000000009A	0.0000000009A	0.0000000009A	1773
0.00000000014 mm²	0.0000000007A	0.0000000007A	0.0000000007A	0.0000000007A	1773
0.0000000001 mm²	0.0000000005A	0.0000000005A	0.0000000005A	0.0000000005A	1773
0.000000000075 mm²	0.000000000375A	0.000000000375A	0.000000000375A	0.000000000375A	1773
0.00000000005 mm²	0.00000000025A	0.00000000025A	0.00000000025A	0.00000000025A	1773
0.000000000035 mm²	0.000000000175A	0.000000000175A	0.000000000175A	0.000000000175A	1773
0.000000000025 mm²	0.000000000125A	0.000000000125A	0.000000000125A	0.000000000125A	1773
0.000000000018 mm²	0.00000000009A	0.00000000009A	0.00000000009A	0.00000000009A	1773
0.000000000014 mm²	0.00000000007A	0.00000000007A	0.00000000007A	0.00000000007A	1773
0.00000000001 mm²	0.00000000005A	0.00000000005A	0.00000000005A	0.00000000005A	1773
0.0000000000075 mm²	0.0000000000375A	0.0000000000375A	0.0000000000375A	0.0000000000375A	1773
0.000000000005 mm²	0.000000000025A	0.000000000025A	0.000000000025A	0.000000000025A	1773
0.0000000000035 mm²	0.0000000000175A	0.0000000000175A	0.0000000000175A	0.0000000000175A	1773
0.0000000000025 mm²	0.0000000000125A	0.0000000000125A	0.0000000000125A	0.0000000000125A	1773
0.0000000000018 mm²	0.000000000009A	0.000000000009A	0.000000000009A	0.000000000009A	1773
0.0000000000014 mm²	0.000000000007A	0.000000000007A	0.000000000007A	0.000000000007A	1773
0.000000000001 mm²	0.000000000005A	0.000000000005A	0.000000000005A	0.000000000005A	1773
0.00000000000075 mm²	0.00000000000375A	0.00000000000375A	0.00000000000375A	0.00000000000375A	1773
0.0000000000005 mm²	0.0000000000025A	0.0000000000025A	0.0000000000025A	0.0000000000025A	1773
0.00000000000035 mm²	0.00000000000175A	0.00000000000175A	0.00000000000175A	0.00000000000175A	1773
0.00000000000025 mm²	0.00000000000125A	0.00000000000125A	0.00000000000125A	0.00000000000125A	1773
0.00000000000018 mm²	0.0000000000009A	0.0000000000009A	0.0000000000009A	0.0000000000009A	1773
0.00000000000014 mm²	0.0000000000007A	0.0000000000007A	0.0000000000007A	0.0000000000007A	1773
0.0000000000001 mm²	0.0000000000005A	0.0000000000005A	0.0000000000005A	0.0000000000005A	1773
0.000000000000075 mm²	0.000000000000375A	0.000000000000375A	0.000000000000375A	0.000000000000375A	1773
0.00000000000005 mm²	0.00000000000025A	0.00000000000025A	0.00000000000025A	0.00000000000025A	1773
0.000000000000035 mm²	0.000000000000175A	0.000000000000175A	0.000000000000175A	0.000000000000175A	1773
0.000000000000025 mm²	0.000000000000125A	0.000000000000125A	0.000000000000125A	0.000000000000125A	1773
0.000000000000018 mm²	0.00000000000009A	0.00000000000009A	0.00000000000009A	0.00000000000009A	1773
0.000000000000014 mm²	0.00000000000007A	0.00000000000007A	0.00000000000007A	0.00000000000007A	1773
0.00000000000001 mm²	0.00000000000005A	0.00000000000005A	0.00000000000005A	0.00000000000005A	1773
0.0000000000000075 mm²	0.0000000000000375A	0.0000000000000375A	0.0000000000000375A	0.0000000000000375A	1773
0.000000000000005 mm²	0.000000000000025A	0.000000000000025A	0.000000000000025A	0.000000000000025A	1773
0.0000000000000035 mm²	0.0000000000000175A	0.0000000000000175A	0.0000000000000175A	0.0000000000000175A	1773
0.0000000000000025 mm²	0.0000000000000125A	0.0000000000000125A	0.0000000000000125A	0.0000000000000125A	1773
0.0000000000000018 mm²	0.000000000000009A	0.000000000000009A	0.000000000000009A	0.000000000000009A	1773
0.0000000000000014 mm²	0.000000000000007A	0.000000000000007A	0.000000000000007A	0.000000000000007A	1773
0.000000000000001 mm²	0.000000000000005A	0.000000000000005A	0.000000000000005A	0.000000000000005A	1773
0.00000000000000075 mm²	0.00000000000000375A	0.00000000000000375A	0.00000000000000375A	0.00000000000000375A	1773
0.0000000000000005 mm²	0.0000000000000025A	0.0000000000000			