

WPD 108 1X120/2X35+3X25+4X16 RD**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Nasze bloki rozdzielcze WPD 1XX są stosowane we wszystkich sytuacjach, w których zasilanie jest dostarczane i rozprowadzane. Ich przyjazna dla użytkownika konstrukcja zapewnia doskonały przegląd i umożliwia szybkie i sprawne wdrożenie rozdzielania zasilania przy oszczędności miejsca.

Ogólne dane zamówieniowe

Wersja	Zacisk rozdziálu potencjału, złącze śrubowe, czerwony, 120 mm², 400 A, 1000 V, liczba przyłączy: 10, liczba poziomów: 1, Płytki montażowa, TS 35, V-0, Wemid
Nr zam.	2725280000
Typ	WPD 108 1X120/2X35+3X25+4X16 RD
GTIN (EAN)	4050118796605
Ilość	1 Szt.

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Dane techniczne

Wymiary i masa

Głębokość	77 mm	Głębokość (cale)	3,031 inch
Wysokość	95 mm	Wysokość (cale)	3,74 inch
Szerokość	51,1 mm	Szerokość (cale)	2,012 inch
Masa netto	480 g		

Temperatury

Temperatura magazynowania	-25 °C...55 °C	długotrwała temperatura użytkowa, min. -50 °C
długotrwała temperatura użytkowa, maks.	130 °C	

Dane znamionowe IECEx/ATEX

nr certyfikatu (ATEX)	CNEX16ATEX0005U	Nr certyfikatu (IECEx)	IECExCNEX16.0005U
Napięcie maks. (ATEX)	1100 V	Prąd (ATEX)	250 A
Maks. przekrój przewodu (ATEX)	120 mm ²	Napięcie maks. (IECEx)	1100 V
Prąd (IECEx)	250 A		

Informacje ogólne

Liczba biegunów	1	Normy	IEC 60947-7-1, UL 1059
Szyna	Płytki montażowa, TS 35		

Przewody zaciskane (kolejne przyłącze)

Rodzaj przyłącza, kolejne przyłącze	złącze śrubowe
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dalsze dane techniczne

otwarte strony	zamknięta	rodzaj montażu	wciskany
wersja przetestowana pod kątem eksplozji	Tak		

dane tworzywa

tworzywo	Wemid	Barwny	czerwony
Klasa palności wg UL 94	V-0		

dane znamionowe

Przekrój pomiarowy	120 mm ²	Napięcie znamionowe	1 000 V
Znamionowe napięcie przemienne	1 000 V	Znamionowe napięcie stałe	1 500 V
Prąd znamionowy	400 A	Normy	IEC 60947-7-1, UL 1059

dane znamionowe wg CSA

Nr certyfikatu (cCSAus)	70128467
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dane znamionowe wg UL

Nr certyfikatu (cURus)	E60693
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Dane techniczne

parametry systemu

Wykonanie	Złącze śrubowe	niezbędna płyta zamykająca	Nie
Liczba potencjałów	1	liczba poziomów	1
liczba zacisków na poziom	2	Liczba potencjałów w rzędzie	1
poziomy wewnętrznie zmostkowane	Tak	Szyna	Płytki montażowa, TS 35
Funkcja N	Tak	Funkcja PE	Nie
Funkcja PEN	Nie		

przewody zaciskane (złącze wymiarowane)

Maks. przekrój przyłącza, przewód wielodrutowy, maks.	120 mm ²	Przekrój przyłącza przewodu, cienki przewód wielodrutowy z tulejkami kablowymi DIN 46228/1, maks.	95 mm ²
Przekrój przyłącza przewodów, przewód jednodrutowy, maks.	120 mm ²	Rodzaj przyłącza	złącze śrubowe
Rodzaj przyłącza 2	złącze śrubowe	kierunek podłączenia	z boku
liczba przyłączy	10		

Klasyfikacje

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ETIM 9.0	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
ECLASS 12.0	27-14-11-20	ECLASS 13.0	27-25-01-19
ECLASS 14.0	27-25-01-19		

Zgodność produktu z wymogami środowiska naturalnego

Status zgodności z dyrektywą RoHS	Zgodne, z wyłączeniem
Wyłączenie RoHS (w przypadkach, w których ma to zastosowanie / jest znane)	6c
REACH SVHC	Lead 7439-92-1
SCIP	e1c310ef-6b67-4efa-80a6-d307472f4de9

Ważna informacja

Informacje produktowe	Złącze żeńskie spełnia klasę palności V-2 zgodnie z UL94.
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Dopuszczenia

Dopuszczenia



ROHS	Zgodny
UL File Number Search	Witryna UL
Nr certyfikatu (cURus)	E60693

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www.weidmueller.com**Dane techniczne****Pobieranie**Dopuszczenie/Certyfikat/Deklaracja
zgodności[Attestation of Conformity](#)
[UKCA Ex Attestation of Conformity](#)
[CB Certificate](#)
[VDE Certificate](#)
[UKCA Ex Certificate](#)
[CE Declaration of Conformity](#)
[UKCA declaration of conformity](#)
[Confirmation of Standards EN 45545-2_2020-10](#)

Dane projektowe

[CAD data – STEP](#)

Dokumentacja użytkownika

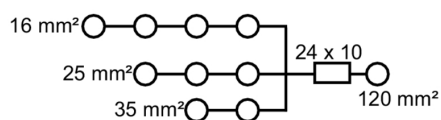
[DATA SHEET WPD 108](#)
[Manual - How to connect aluminum wires in WPD-Terminal blocks](#)
[Torque_Conductor_Connection_Data_WPD_EN](#)
[Drehmoment_Leiteranschlussdaten_WPD_DE](#)

Katalogi

[Catalogues in PDF-format](#)

Weidmüller Interface GmbH & Co. KG
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Germany

Rysunki



Connector connection data according to IEC 60959-2-1 (2a)

connection point 6

Signal	Connector	Dimensions	Dimensions	Dimensions
	1	2	3	4
120 mm	120 mm	120 mm	120 mm	120 mm
80 mm	80 mm	80 mm	80 mm	80 mm
60 mm	60 mm	60 mm	60 mm	60 mm
40 mm	40 mm	40 mm	40 mm	40 mm
20 mm	20 mm	20 mm	20 mm	20 mm
10 mm	10 mm	10 mm	10 mm	10 mm
5 mm	5 mm	5 mm	5 mm	5 mm
2.5 mm	2.5 mm	2.5 mm	2.5 mm	2.5 mm
1.25 mm	1.25 mm	1.25 mm	1.25 mm	1.25 mm
0.625 mm	0.625 mm	0.625 mm	0.625 mm	0.625 mm
0.3125 mm	0.3125 mm	0.3125 mm	0.3125 mm	0.3125 mm
0.15625 mm	0.15625 mm	0.15625 mm	0.15625 mm	0.15625 mm
0.078125 mm	0.078125 mm	0.078125 mm	0.078125 mm	0.078125 mm
0.0390625 mm	0.0390625 mm	0.0390625 mm	0.0390625 mm	0.0390625 mm
0.01953125 mm	0.01953125 mm	0.01953125 mm	0.01953125 mm	0.01953125 mm
0.009765625 mm	0.009765625 mm	0.009765625 mm	0.009765625 mm	0.009765625 mm
0.0048828125 mm	0.0048828125 mm	0.0048828125 mm	0.0048828125 mm	0.0048828125 mm
0.00244140625 mm	0.00244140625 mm	0.00244140625 mm	0.00244140625 mm	0.00244140625 mm
0.001220703125 mm	0.001220703125 mm	0.001220703125 mm	0.001220703125 mm	0.001220703125 mm
0.0006103515625 mm	0.0006103515625 mm	0.0006103515625 mm	0.0006103515625 mm	0.0006103515625 mm
0.00030517578125 mm	0.00030517578125 mm	0.00030517578125 mm	0.00030517578125 mm	0.00030517578125 mm
0.000152587890625 mm	0.000152587890625 mm	0.000152587890625 mm	0.000152587890625 mm	0.000152587890625 mm
0.0000762939453125 mm	0.0000762939453125 mm	0.0000762939453125 mm	0.0000762939453125 mm	0.0000762939453125 mm
0.00003814697265625 mm	0.00003814697265625 mm	0.00003814697265625 mm	0.00003814697265625 mm	0.00003814697265625 mm
0.000019073486328125 mm	0.000019073486328125 mm	0.000019073486328125 mm	0.000019073486328125 mm	0.000019073486328125 mm
0.0000095367431640625 mm	0.0000095367431640625 mm	0.0000095367431640625 mm	0.0000095367431640625 mm	0.0000095367431640625 mm
0.00000476837158203125 mm	0.00000476837158203125 mm	0.00000476837158203125 mm	0.00000476837158203125 mm	0.00000476837158203125 mm
0.000002384185791015625 mm	0.000002384185791015625 mm	0.000002384185791015625 mm	0.000002384185791015625 mm	0.000002384185791015625 mm
0.0000011920928955078125 mm	0.0000011920928955078125 mm	0.0000011920928955078125 mm	0.0000011920928955078125 mm	0.0000011920928955078125 mm
0.00000059604644775390625 mm	0.00000059604644775390625 mm	0.00000059604644775390625 mm	0.00000059604644775390625 mm	0.00000059604644775390625 mm
0.000000298023223876953125 mm	0.000000298023223876953125 mm	0.000000298023223876953125 mm	0.000000298023223876953125 mm	0.000000298023223876953125 mm
0.0000001490116119384765625 mm	0.0000001490116119384765625 mm	0.0000001490116119384765625 mm	0.0000001490116119384765625 mm	0.0000001490116119384765625 mm
0.00000007450580596923828125 mm	0.00000007450580596923828125 mm	0.00000007450580596923828125 mm	0.00000007450580596923828125 mm	0.00000007450580596923828125 mm
0.000000037252902984619140625 mm	0.000000037252902984619140625 mm	0.000000037252902984619140625 mm	0.000000037252902984619140625 mm	0.000000037252902984619140625 mm
0.0000000186264514923095703125 mm	0.0000000186264514923095703125 mm	0.0000000186264514923095703125 mm	0.0000000186264514923095703125 mm	0.0000000186264514923095703125 mm
0.00000000931322574	0.00000000931322574	0.00000000931322574	0.00000000931322574	0.00000000931322574

connection point 7/2/3

Signal	Connector	Dimensions	Dimensions	Dimensions
	1	2	3	4
120 mm	120 mm	120 mm	120 mm	120 mm
80 mm	80 mm	80 mm	80 mm	80 mm
60 mm	60 mm	60 mm	60 mm	60 mm
40 mm	40 mm	40 mm	40 mm	40 mm
20 mm	20 mm	20 mm	20 mm	20 mm
10 mm	10 mm	10 mm	10 mm	10 mm
5 mm	5 mm	5 mm	5 mm	5 mm
2.5 mm	2.5 mm	2.5 mm	2.5 mm	2.5 mm
1.25 mm	1.25 mm	1.25 mm	1.25 mm	1.25 mm
0.625 mm	0.625 mm	0.625 mm	0.625 mm	0.625 mm
0.3125 mm	0.3125 mm	0.3125 mm	0.3125 mm	0.3125 mm
0.15625 mm	0.15625 mm	0.15625 mm	0.15625 mm	0.15625 mm
0.078125 mm	0.078125 mm	0.078125 mm	0.078125 mm	0.078125 mm
0.0390625 mm	0.0390625 mm	0.0390625 mm	0.0390625 mm	0.0390625 mm
0.01953125 mm	0.01953125 mm	0.01953125 mm	0.01953125 mm	0.01953125 mm
0.009765625 mm	0.009765625 mm	0.009765625 mm	0.009765625 mm	0.009765625 mm
0.0048828125 mm	0.0048828125 mm	0.0048828125 mm	0.0048828125 mm	0.0048828125 mm
0.00244140625 mm	0.00244140625 mm	0.00244140625 mm	0.00244140625 mm	0.00244140625 mm
0.001220703125 mm	0.001220703125 mm	0.001220703125 mm	0.001220703125 mm	0.001220703125 mm
0.0006103515625 mm	0.0006103515625 mm	0.0006103515625 mm	0.0006103515625 mm	0.0006103515625 mm
0.00030517578125 mm	0.00030517578125 mm	0.00030517578125 mm	0.00030517578125 mm	0.00030517578125 mm
0.000152587890625 mm	0.000152587890625 mm	0.000152587890625 mm	0.000152587890625 mm	0.000152587890625 mm
0.0000762939453125 mm	0.0000762939453125 mm	0.0000762939453125 mm	0.0000762939453125 mm	0.0000762939453125 mm
0.00003814697265625 mm	0.00003814697265625 mm	0.00003814697265625 mm	0.00003814697265625 mm	0.00003814697265625 mm
0.000019073486328125 mm	0.000019073486328125 mm	0.000019073486328125 mm	0.000019073486328125 mm	0.000019073486328125 mm
0.0000095367431640625 mm	0.0000095367431640625 mm	0.0000095367431640625 mm	0.0000095367431640625 mm	0.0000095367431640625 mm
0.00000476837158203125 mm	0.00000476837158203125 mm	0.00000476837158203125 mm	0.00000476837158203125 mm	0.00000476837158203125 mm
0.000002384185791015625 mm	0.000002384185791015625 mm	0.000002384185791015625 mm	0.000002384185791015625 mm	0.000002384185791015625 mm
0.0000011920928955078125 mm	0.0000011920928955078125 mm	0.0000011920928955078125 mm	0.0000011920928955078125 mm	0.0000011920928955078125 mm
0.00000059604644775390625 mm	0.00000059604644775390625 mm	0.00000059604644775390625 mm	0.00000059604644775390625 mm	0.00000059604644775390625 mm
0.000000298023223876953125 mm	0.000000298023223876953125 mm	0.000000298023223876953125 mm	0.000000298023223876953125 mm	0.000000298023223876953125 mm
0.0000001490116119384765625 mm	0.0000001490116119384765625 mm	0.0000001490116119384765625 mm	0.0000001490116119384765625 mm	0.0000001490116119384765625 mm
0.00000007450580596923828125 mm	0.00000007450580596923828125 mm	0.00000007450580596923828125 mm	0.00000007450580596923828125 mm	0.00000007450580596923828125 mm
0.000000037252902984619140625 mm	0.000000037252902984619140625 mm	0.000000037252902984619140625 mm	0.000000037252902984619140625 mm	0.000000037252902984619140625 mm
0.0000000186264514923095703125 mm	0.0000000186264514923095703125 mm	0.0000000186264514923095703125 mm	0.0000000186264514923095703125 mm	0.0000000186264514923095703125 mm
0.00000000931322574	0.00000000931322574	0.00000000931322574	0.00000000931322574	0.00000000931322574

connection point 6/3

Signal	Connector	Dimensions	Dimensions	Dimensions
	1	2	3	4
120 mm	120 mm	120 mm	120 mm	120 mm
80 mm	80 mm	80 mm	80 mm	80 mm
60 mm	60 mm	60 mm	60 mm	60 mm
40 mm	40 mm	40 mm	40 mm	40 mm
20 mm	20 mm	20 mm	20 mm	20 mm
10 mm	10 mm	10 mm	10 mm	10 mm
5 mm	5 mm	5 mm	5 mm	5 mm
2.5 mm	2.5 mm	2.5 mm	2.5 mm	2.5 mm
1.25 mm	1.25 mm	1.25 mm	1.25 mm	1.25 mm
0.625 mm	0.625 mm	0.625 mm	0.625 mm	0.625 mm
0.3125 mm	0.3125 mm	0.3125 mm	0.3125 mm	0.3125 mm
0.15625 mm	0.15625 mm	0.15625 mm	0.15625 mm	0.15625 mm
0.078125 mm	0.078125 mm	0.078125 mm	0.078125 mm	0.078125 mm
0.0390625 mm	0.0390625 mm	0.0390625 mm	0.0390625 mm	0.0390625 mm
0.01953125 mm	0.01953125 mm	0.01953125 mm	0.01953125 mm	0.01953125 mm
0.009765625 mm	0.009765625 mm	0.009765625 mm	0.009765625 mm	0.009765625 mm
0.0048828125 mm	0.0048828125 mm	0.0048828125 mm	0.0048828125 mm	0.0048828125 mm
0.00244140625 mm	0.00244140625 mm	0.00244140625 mm	0.00244140625 mm	0.00244140625 mm
0.001220703125 mm	0.001220703125 mm	0.001220703125 mm	0.001220703125 mm	0.001220703125 mm
0.0006103515625 mm	0.0006103515625 mm	0.0006103515625 mm	0.0006103515625 mm	0.0006103515625 mm
0.00030517578125 mm	0.00030517578125 mm	0.00030517578125 mm	0.00030517578125 mm	0.00030517578125 mm
0.000152587890625 mm	0.000152587890625 mm	0.000152587890625 mm	0.000152587890625 mm	0.000152587890625 mm
0.0000762939453125 mm	0.0000762939453125 mm	0.0000762939453125 mm	0.0000762939453125 mm	0.0000762939453125 mm
0.00003814697265625 mm	0.00003814697265625 mm	0.00003814697265625 mm	0.00003814697265625 mm	0.00003814697265625 mm
0.000019073486328125 mm	0.000019073486328125 mm	0.000019073486328125 mm	0.000019073486328125 mm	0.000019073486328125 mm
0.0000095367431640625 mm	0.0000095367431640625 mm	0.0000095367431640625 mm	0.0000095367431640625 mm	0.0000095367431640625 mm
0.00000476837158203125 mm	0.00000476837158203125 mm	0.00000476837158203125 mm	0.00000476837158203125 mm	0.00000476837158203125 mm
0.000002384185791015625 mm	0.000002384185791015625 mm	0.000002384185791015625 mm	0.000002384185791015625 mm	0.000002384185791015625 mm
0.0000011920928955078125 mm	0.0000011920928955078125 mm	0.0000011920928955078125 mm	0.0000011920928955078125 mm	0.0000011920928955078125 mm
0.00000059604644775390625 mm	0.00000059604644775390625 mm	0.00000059604644775390625 mm	0.00000059604644775390625 mm	0.00000059604644775390625 mm
0.000000298023223876953125 mm	0.000000298023223876953125 mm	0.000000298023223876953125 mm	0.000000298023223876953125 mm	0.000000298023223876953125 mm
0.0000001490116119384765625 mm	0.0000001490116119384765625 mm	0.0000001490116119384765625 mm	0.0000001490116119384765625 mm	0.0000001490116119384765625 mm
0.00000007450580596923828125 mm	0.00000007450580596923828125 mm	0.00000007450580596923828125 mm	0.00000007450580596923828125 mm	0.00000007450580596923828125 mm
0.000000037252902984619140625 mm	0.000000037252902984619140625 mm	0.000000037252902984619140625 mm	0.000000037252902984619140625 mm	0.000000037252902984619140625 mm
0.0000000186264514923095703125 mm	0.0000000186264514923095703125 mm	0.0000000186264514923095703125 mm	0.0000000186264514923095703125 mm	0.0000000186264514923095703125 mm
0.00000000931322574	0.00000000931322574	0.00000000931322574	0.00000000931322574	0.00000000931322574

Notes according to IEC 6095

Conductor connection data according to IEC 10883 (20-24°C)									
Continuous use (40°C)									
Line/size	I2024 10883				I2024 10883		I2024 10883		I2024 10883
	C 230	C 230	C 230	C 230					
Line 200					Aluminum				
AWG 4/0									
AWG 3/0									
AWG 2/0									
AWG 1/0	160.2		160.2 A						
AWG 3/4									
AWG 1/2									
AWG 3/8									
For best field results									17.7 kV
For 100% continuity									
Voltage up to 100 kV	200 A	230 A	160 A	200 A					200 A
Voltage up to 100 kV					600 V				
I2024 10883									
Conductor connection data according to IEC 10883 (20-24°C)									
Continuous use (40°C)									
Line/size	I2024 10883				I2024 10883		I2024 10883		I2024 10883
	C 230	C 230	C 230	C 230					
Line 200					Aluminum				
AWG 4/0									
AWG 3/0									
AWG 2/0									
AWG 1/0									
AWG 3/4									
AWG 1/2									
AWG 3/8									
For best field results									17.7 kV
For 100% continuity									
Voltage up to 100 kV	200 A	230 A	160 A	200 A					200 A
Voltage up to 100 kV					600 V				
I2024 10883									
Conductor connection data according to IEC 10883 (20-24°C)									
Continuous use (40°C)									
Line/size	I2024 10883				I2024 10883		I2024 10883		I2024 10883
	C 230	C 230	C 230	C 230					
Line 200					Aluminum				
AWG 4/0									
AWG 3/0									
AWG 2/0									
AWG 1/0									
AWG 3/4									
AWG 1/2									
AWG 3/8									
For best field results									17.7 kV
For 100% continuity									
Voltage up to 100 kV	200 A	230 A	160 A	200 A					200 A
Voltage up to 100 kV					600 V				
I2024 10883									

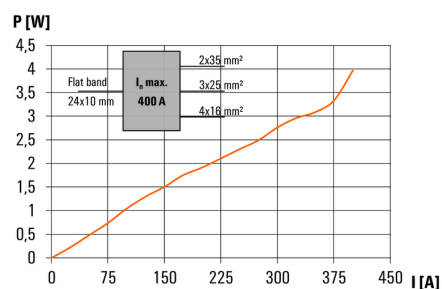
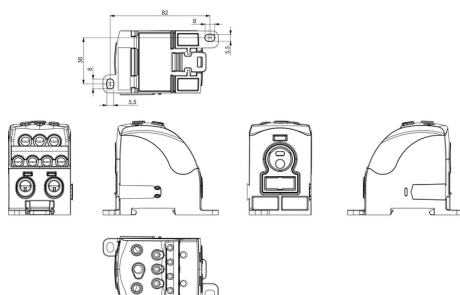
input

input

input

input

Conductor connection data according to IEC 10883 (20-24°C)									
Continuous use (40°C)									
Line/size	I2024 10883				I2024 10883		I2024 10883		I2024 10883
	C 230	C 230	C 230	C 230					
Line 200					Aluminum				
AWG 4/0									
AWG 3/0									
AWG 2/0									
AWG 1/0									
AWG 3/4									
AWG 1/2									
AWG 3/8									
For best field results									17.7 kV
For 100% continuity									
Voltage up to 100 kV	200 A	230 A	160 A	200 A					200 A
Voltage up to 100 kV					600 V				
I2024 10883									
Conductor connection data according to IEC 10883 (20-24°C)									
Continuous use (40°C)									
Line/size	I2024 10883				I2024 10883		I2024 10883		I2024 10883
	C 230	C 230	C 230	C 230					
Line 200					Aluminum				
AWG 4/0									
AWG 3/0									
AWG 2/0									
AWG 1/0									
AWG 3/4									
AWG 1/2									
AWG 3/8									
For best field results									17.7 kV
For 100% continuity									
Voltage up to 100 kV	200 A	230 A	160 A	200 A					200 A
Voltage up to 100 kV					600 V				
I2024 10883									

[illegible]

WPD 108 1X120/2X35+3X25+4X16 RD

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Akcesoria

Zestawy kluczy trzpieniowych



Klucz kołkowy z hartowanej wskrośnie stali chrom-wanad, wykonany wg DIN ISO 2636 L (DIN 911), powierzchnia uszlachetniona.

Ogólne dane zamówieniowe

Typ	SKS 2,0-8,0 MR	Wersja
Nr zam.	9008870000	Klucze trzpieniowe
GTIN (EAN)	4032248266623	
Ilość	1 Szt.	

Mostek poprzeczny



Ogólne dane zamówieniowe

Typ	WQB WPD X08-09/2	Wersja
Nr zam.	1561900000	Złącze krosujące (terminal), wtykany, szary, 353 A, Liczba biegunów:
GTIN (EAN)	4050118367096	2, Raster w mm (P): 51.10, Izolowany: Tak, Szerokość: 74.6 mm
Ilość	3 Szt.	

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Akcesoria

Wkręta z końcówką płaską



Wkrętak do śrub rowkowych z końcówką okrągłą, SD
DIN 5265, ISO 2380/2, uchwyt zgodny z DIN 5264, ISO
2380/1, końcówka Chrom Top, rękojeść SoftFinish

Ogólne dane zamówieniowe

Typ	SDS 0.6X3.5X100	Wersja
Nr zam.	9008330000	Wkrętak, Wkrętak
GTIN (EAN)	4032248056286	
Ilość	1 Szt.	

Power distribution

Screw connection

W-Series

WPD 108 1X120/2X35+3X25+4X16 GY



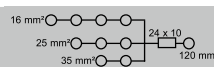
WPD 108

120 mm²



Width / Height / Depth	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

51.1 / 77 / 95
269 / 120
25...120



Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	120 mm ²	mm ²
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	120 mm ²	mm ²
	35 mm ²	mm ²
	25 mm ²	mm ²
	16 mm ²	mm ²
Flexible with ferrule	120 mm ²	mm ²
	35 mm ²	mm ²
	25 mm ²	mm ²
	16 mm ²	mm ²
Stripping length / Blade size	120 mm ²	mm/-
	35 mm ²	mm/-
	25 mm ²	mm ²
	16 mm ²	mm ²
Tightening torque		Nm
Note		

IEC 60947-7-1 (Cu), UL 1059 (Cu+Al)

IEC	UL	CSA	EN 60079-7
1000	600	600	880
269	250	255	250
120	AWG 4...kcmil 250	AWG 4...kcmil 250	120
8 kV / 3			
III / V-0			
Rated connection			
35...120 / 35...120			
4...35 / 4...35			
2.5...25 / 2.5...25			
1.5...16 / 1.5...16			
25...95			
2.5...25			
1.5...16			
1.5...10			
27 / M14			
18 / M8			
12 / M6			
12 / M6			
see appendix at the end of the chapter			



Ordering data

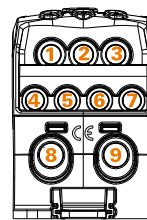
Version	
	grey
	blue
	red
	black
Note	

Type	Qty.	Order No.
WPD 108 1x120/2x35+3x25+4x16 GY	1	1562100000
WPD 108 1x120/2x35+3x25+4x16 BL	1	2519480000
WPD 108 1x120/2x35+3x25+4x16 RD	1	2725280000
WPD 108 1x120/2x35+3x25+4x16 BK	1	2725380000

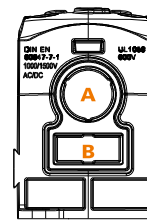
Accessories

Cross connection	
	2-pole
End bracket	
	dark beige
	dark beige
Screwdriver	
	SET

Type	Qty.	Order No.
WQB WPD X08-09/2	20	1561900000
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000
SK WSD-S 1,5-10,0	1	9008850000








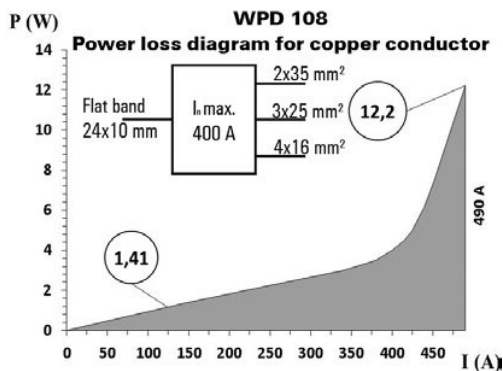
output















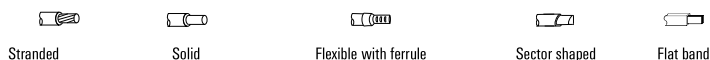
input

Conductor connection data according to IEC 60947-7-1 (Cu), UL 1059 (Cu+Al)






connection point A						CP** B
Input	Copper		Aluminium*		Copper	
						
120 mm ²	19 Nm	19 Nm	22,6 Nm	22,6 Nm		
95 mm ²						
70 mm ²						
50 mm ²						
35 mm ²						
25 mm ²						
Flat band 24x10mm					3 Nm	
Stripping lengths	27 mm				22 mm	
Allen screw	M14				M6	
* Values according to UL 1059 ** CP - connection point						



Output	connection point 1 / 2 / 3				connection point 4 / 5 / 6 / 7				connection point 8 / 9			
	Copper		Aluminium*		Copper		Aluminium*		Copper		Aluminium*	
												
35 mm²	2 Nm	2 Nm	5,1 Nm	5,1 Nm	2 Nm	2 Nm	5,1 Nm	2,5 Nm	2,5 Nm	11,3 Nm	11,3 Nm	
25 mm²												
16 mm²												
10 mm²												
6 mm²												
4 mm²												
2.5 mm²												
1.5 mm²												
Stripping lengths	12 mm				12 mm				18 mm			
Allen screw	M6				M6				M8			
* Values according to UL 1059												















UL Rating data according to UL 1059

Certificate no. (UR)	XCFR2.E60693				
	connection point A				CP* B
Input (line)	Copper		Aluminium		Copper
					
kcmil 250	168.2 Lb In.		200 Lb In.		
AWG 4/0					
AWG 3/0		168.2 Lb In.		200 Lb In.	
AWG 2/0					
AWG 1/0					
AWG 2					
AWG 4					
Flat band 24x10 mm					17.7 Lb In.
max. current	250 A	200 A	155 A	205 A	250 A
Voltage size B,C (UR)	600 V				
* CP - connection point					

CSA rating data according to CSA 22.2 No. 158

Certificate No. (CSA)	269832			
	Input	Output	Output	Output
	CP* A	CP* 1/2/3	CP* 4/5/6/7	CP* B
kcmil 250	19 Nm.	3 Nm	3 Nm	6 Nm
AWG 2	19 Nm			
AWG 4				
AWG 6				
AWG 8				
AWG 10				
AWG 12				
AWG 14				
AWG 16				
max. current	255 A	85 A	65 A	115 A
Voltage size C (CSA)	600 V			

* CP - connection point

Output	connection point 1 / 2 / 3				connection point 4 / 5 / 6 / 7				connection point 8 / 9			
	Copper		Aluminium		Copper		Aluminium		Copper		Aluminium	
												
AWG 2	22.6 Lb In.	22.6 Lb In.	45.1 Lb In.	45.1 Lb In.	22.6 Lb In.	22.6 Lb In.	53.1 Lb In.	53.1 Lb In.	100 Lb In.	100 Lb In.		
AWG 4												
AWG 6												
AWG 8												
AWG 10												
AWG 12												
AWG 14												
AWG 16												
max. current	85 A	65 A	65 A	50 A	65 A	50 A	50 A	115 A	85 A	90 A	65 A	
Voltage size B,C (UR)					600 V							

