

**WPD 201 4X25/4X16 BN****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Câblage des installations**

Pour le montage des installations, nous offrons un système complet organisé autour du rail en cuivre 10×3 et comprenant des composants parfaitement coordonnés : depuis les blocs de jonction d'installation, les blocs de jonction de conducteurs et les blocs de jonction de distribution jusqu'au choix complet d'accessoires tels que les barrettes de liaison et les supports de barres collectrices.

**Informations générales de commande**

Version	Blocs de jonction de distribution de potentiel, Raccordement vissé, Gris clair, 25 mm², 152 A, 1000 V, Nombre de raccordements: 8, Nombre d'étages: 1
Référence	<a href="#">2731250000</a>
Type	WPD 201 4X25/4X16 BN
GTIN (EAN)	4050118810479
Qté.	2 Pièce

## WPD 201 4X25/4X16 BN

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## Caractéristiques techniques

## Agréments

Agréments



ROHS Conforme

## Dimensions et poids

Profondeur	49.3 mm	Profondeur (pouces)	1.9409 inch
Hauteur	55.7 mm	Hauteur (pouces)	2.1929 inch
Largeur	43.6 mm	Largeur (pouces)	1.7165 inch
Poids net	132 g		

## Températures

Température de stockage	-25 °C...55 °C	Température d'utilisation permanente, min.	-50 °C
Température d'utilisation permanente, max.	130 °C		

## Conformité environnementale du produit

Statut de conformité RoHS	Conforme avec exemption
Exemption RoHS (le cas échéant/connue)	6c
REACH SVHC	Lead 7439-92-1
SCIP	9436182c-fbd0-49e8-bf45-a0deac7233a9

## 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
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		

## Autres caractéristiques techniques

enclipsable	Oui	Version à l#92épreuve de l#92explosion	Oui
Type de montage	monté		

## Caractéristiques des matériaux

Matériau de base	Wemid	Couleur	Gris clair
Classe d'inflammabilité selon UL 94	V-0		

## Caractéristiques du système

Version	Raccordement vissé	Flasque de fermeture nécessaire	Non
Nombre de polarités	1	Nombre d'étages	1
Nombre de points de contact par étage	2	Etages internes pontés	Oui
Barrette de liaison équipée	TS 35	Fonction N	Non

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## Caractéristiques techniques

Fonction PE	Non	Fonction PEN	Non
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## Caractéristiques nominales

Section nominale	25 mm <sup>2</sup>	Tension nominale	1000 V
Tension nominale AC	1000 V	Tension nominale DC	1000 V
Courant nominal	152 A	Courant avec conducteur max.	152 A
Normes	IEC 60947-7-1, UL 1059		

## Conducteur raccordable (autre raccordement)

Type de raccordement, autre raccordement	Raccordement vissé
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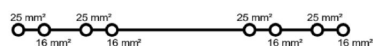
## Généralités

Nombre de pôles	1	Section de raccordement du conducteur, AWG 4 AWG, max.	
Section de raccordement du conducteur, AWG 16 AWG, min.		Normes	IEC 60947-7-1, UL 1059
Barrette de liaison équipée	TS 35		





## Raccordement (raccordement nominal)



Section de raccordement du conducteur, AWG 4 AWG, max.		Sens de raccordement	latéralement
Type de raccordement 2	Raccordement vissé	Type de raccordement	Raccordement vissé
Nombre de raccordements	8	Plage de serrage, max.	25 mm <sup>2</sup>
Plage de serrage, min.	1.5 mm <sup>2</sup>	Section de raccordement du conducteur, AWG 16 AWG, min.	
Section de raccordement du conducteur, 1.5 mm <sup>2</sup> souple avec embout DIN 46228/4, min.		Section de raccordement du conducteur, 16 mm <sup>2</sup> souple avec embout DIN 46228/1, max.	
Section de raccordement du conducteur, 1.5 mm <sup>2</sup> souple avec embout DIN 46228/1, min.		Section de raccordement du conducteur, 0 mm <sup>2</sup> souple, max.	
Section de raccordement du conducteur, 1.5 mm <sup>2</sup> souple, min.		Section de raccordement, semi-rigide, 25 mm <sup>2</sup> max.	
Section de raccordement, semi-rigide, 1.5 mm <sup>2</sup> min.		Section de raccordement du conducteur, 25 mm <sup>2</sup> rigide, max.	
Section de raccordement du conducteur, 1.5 mm <sup>2</sup> rigide, min.			

# Dessins



Conductor connection data according to IEC 5062-2 (IEC 4043-2) 1 (IEC 61828-1 Class A (Cu-Al))						
Conductor description	IEC 5062-2	IEC 4043-2	IEC 61828-1	Conductor	Wireframe	
20 mm <sup>2</sup> 20 mm	1.25	1.25	1.25	20 mm (20 mm conductor)	1.25	
16 mm <sup>2</sup> 16 mm	1.0	1.0	1.0	16 mm (16 mm conductor)	1.0	
10 mm <sup>2</sup> 10 mm	0.75	0.75	0.75	10 mm (10 mm conductor)	0.75	
6 mm <sup>2</sup> 6 mm	0.5	0.5	0.5	6 mm (6 mm conductor)	0.5	
4 mm <sup>2</sup> 4 mm	0.35	0.35	0.35	4 mm (4 mm conductor)	0.35	
2.5 mm <sup>2</sup> 2.5 mm	0.25	0.25	0.25	2.5 mm (2.5 mm conductor)	0.25	
1.5 mm <sup>2</sup> 1.5 mm	0.18	0.18	0.18	1.5 mm (1.5 mm conductor)	0.18	
1 mm <sup>2</sup> 1 mm	0.12	0.12	0.12	1 mm (1 mm conductor)	0.12	
0.75 mm <sup>2</sup> 0.75 mm	0.09	0.09	0.09	0.75 mm (0.75 mm conductor)	0.09	
0.5 mm <sup>2</sup> 0.5 mm	0.06	0.06	0.06	0.5 mm (0.5 mm conductor)	0.06	
0.35 mm <sup>2</sup> 0.35 mm	0.04	0.04	0.04	0.35 mm (0.35 mm conductor)	0.04	
0.25 mm <sup>2</sup> 0.25 mm	0.03	0.03	0.03	0.25 mm (0.25 mm conductor)	0.03	
0.18 mm <sup>2</sup> 0.18 mm	0.02	0.02	0.02	0.18 mm (0.18 mm conductor)	0.02	
0.12 mm <sup>2</sup> 0.12 mm	0.01	0.01	0.01	0.12 mm (0.12 mm conductor)	0.01	
0.09 mm <sup>2</sup> 0.09 mm	0.01	0.01	0.01	0.09 mm (0.09 mm conductor)	0.01	
0.06 mm <sup>2</sup> 0.06 mm	0.01	0.01	0.01	0.06 mm (0.06 mm conductor)	0.01	
0.04 mm <sup>2</sup> 0.04 mm	0.01	0.01	0.01	0.04 mm (0.04 mm conductor)	0.01	
0.03 mm <sup>2</sup> 0.03 mm	0.01	0.01	0.01	0.03 mm (0.03 mm conductor)	0.01	
0.02 mm <sup>2</sup> 0.02 mm	0.01	0.01	0.01	0.02 mm (0.02 mm conductor)	0.01	
0.01 mm <sup>2</sup> 0.01 mm	0.01	0.01	0.01	0.01 mm (0.01 mm conductor)	0.01	
0.005 mm <sup>2</sup> 0.005 mm	0.01	0.01	0.01	0.005 mm (0.005 mm conductor)	0.01	
0.002 mm <sup>2</sup> 0.002 mm	0.01	0.01	0.01	0.002 mm (0.002 mm conductor)	0.01	
0.001 mm <sup>2</sup> 0.001 mm	0.01	0.01	0.01	0.001 mm (0.001 mm conductor)	0.01	
0.0005 mm <sup>2</sup> 0.0005 mm	0.01	0.01	0.01	0.0005 mm (0.0005 mm conductor)	0.01	
0.0002 mm <sup>2</sup> 0.0002 mm	0.01	0.01	0.01	0.0002 mm (0.0002 mm conductor)	0.01	
0.0001 mm <sup>2</sup> 0.0001 mm	0.01	0.01	0.01	0.0001 mm (0.0001 mm conductor)	0.01	
0.00005 mm <sup>2</sup> 0.00005 mm	0.01	0.01	0.01	0.00005 mm (0.00005 mm conductor)	0.01	
0.00002 mm <sup>2</sup> 0.00002 mm	0.01	0.01	0.01	0.00002 mm (0.00002 mm conductor)	0.01	
0.00001 mm <sup>2</sup> 0.00001 mm	0.01	0.01	0.01	0.00001 mm (0.00001 mm conductor)	0.01	
0.000005 mm <sup>2</sup> 0.000005 mm	0.01	0.01	0.01	0.000005 mm (0.000005 mm conductor)	0.01	
0.000002 mm <sup>2</sup> 0.000002 mm	0.01	0.01	0.01	0.000002 mm (0.000002 mm conductor)	0.01	
0.000001 mm <sup>2</sup> 0.000001 mm	0.01	0.01	0.01	0.000001 mm (0.000001 mm conductor)	0.01	
0.0000005 mm <sup>2</sup> 0.0000005 mm	0.01	0.01	0.01	0.0000005 mm (0.0000005 mm conductor)	0.01	
0.0000002 mm <sup>2</sup> 0.0000002 mm	0.01	0.01	0.01	0.0000002 mm (0.0000002 mm conductor)	0.01	
0.0000001 mm <sup>2</sup> 0.0000001 mm	0.01	0.01	0.01	0.0000001 mm (0.0000001 mm conductor)	0.01	
0.00000005 mm <sup>2</sup> 0.00000005 mm	0.01	0.01	0.01	0.00000005 mm (0.00000005 mm conductor)	0.01	
0.00000002 mm <sup>2</sup> 0.00000002 mm	0.01	0.01	0.01	0.00000002 mm (0.00000002 mm conductor)	0.01	
0.00000001 mm <sup>2</sup> 0.00000001 mm	0.01	0.01	0.01	0.00000001 mm (0.00000001 mm conductor)	0.01	
0.000000005 mm <sup>2</sup> 0.000000005 mm	0.01	0.01	0.01	0.000000005 mm (0.000000005 mm conductor)	0.01	
0.000000002 mm <sup>2</sup> 0.000000002 mm	0.01	0.01	0.01	0.000000002 mm (0.000000002 mm conductor)	0.01	
0.000000001 mm <sup>2</sup> 0.000000001 mm	0.01	0.01	0.01	0.000000001 mm (0.000000001 mm conductor)	0.01	
0.0000000005 mm <sup>2</sup> 0.0000000005 mm	0.01	0.01	0.01	0.0000000005 mm (0.0000000005 mm conductor)	0.01	
0.0000000002 mm <sup>2</sup> 0.0000000002 mm	0.01	0.01	0.01	0.0000000002 mm (0.0000000002 mm conductor)	0.01	
0.0000000001 mm <sup>2</sup> 0.0000000001 mm	0.01	0.01	0.01	0.0000000001 mm (0.0000000001 mm conductor)	0.01	
0.00000000005 mm <sup>2</sup> 0.00000000005 mm	0.01	0.01	0.01	0.00000000005 mm (0.00000000005 mm conductor)	0.01	
0.00000000002 mm <sup>2</sup> 0.00000000002 mm	0.01	0.01	0.01	0.00000000002 mm (0.00000000002 mm conductor)	0.01	
0.00000000001 mm <sup>2</sup> 0.00000000001 mm	0.01	0.01	0.01	0.00000000001 mm (0.00000000001 mm conductor)	0.01	
0.000000000005 mm <sup>2</sup> 0.000000000005 mm	0.01	0.01	0.01	0.000000000005 mm (0.000000000005 mm conductor)	0.01	
0.000000000002 mm <sup>2</sup> 0.000000000002 mm	0.01	0.01	0.01	0.000000000002 mm (0.000000000002 mm conductor)	0.01	
0.000000000001 mm <sup>2</sup> 0.000000000001 mm	0.01	0.01	0.01	0.000000000001 mm (0.000000000001 mm conductor)	0.01	
0.0000000000005 mm <sup>2</sup> 0.0000000000005 mm	0.01	0.01	0.01	0.0000000000005 mm (0.0000000000005 mm conductor)	0.01	
0.0000000000002 mm <sup>2</sup> 0.0000000000002 mm	0.01	0.01	0.01	0.0000000000002 mm (0.0000000000002 mm conductor)	0.01	
0.0000000000001 mm <sup>2</sup> 0.0000000000001 mm	0.01	0.01	0.01	0.0000000000001 mm (0.0000000000001 mm conductor)	0.01	
0.00000000000005 mm <sup>2</sup> 0.00000000000005 mm	0.01	0.01	0.01	0.00000000000005 mm (0.00000000000005 mm conductor)	0.01	
0.00000000000002 mm <sup>2</sup> 0.00000000000002 mm	0.01	0.01	0.01	0.00000000000002 mm (0.00000000000002 mm conductor)	0.01	
0.00000000000001 mm <sup>2</sup> 0.00000000000001 mm	0.01	0.01	0.01	0.00000000000001 mm (0.00000000000001 mm conductor)	0.01	
0.000000000000005 mm <sup>2</sup> 0.000000000000005 mm	0.01	0.01	0.01	0.000000000000005 mm (0.000000000000005 mm conductor)	0.01	
0.000000000000002 mm <sup>2</sup> 0.000000000000002 mm	0.01	0.01	0.01	0.000000000000002 mm (0.000000000000002 mm conductor)	0.01	
0.000000000000001 mm <sup>2</sup> 0.000000000000001 mm	0.01	0.01	0.01	0.000000000000001 mm (0.000000000000001 mm conductor)	0.01	
0.0000000000000005 mm <sup>2</sup> 0.0000000000000005 mm	0.01	0.01	0.01	0.0000000000000005 mm (0.0000000000000005 mm conductor)	0.01	
0.0000000000000002 mm <sup>2</sup> 0.0000000000000002 mm	0.01	0.01	0.01	0.0000000000000002 mm (0.0000000000000002 mm conductor)	0.01	
0.0000000000000001 mm <sup>2</sup> 0.0000000000000001 mm	0.01	0.01	0.01	0.0000000000000001 mm (0.0000000000000001 mm conductor)	0.01	
0.00000000000000005 mm <sup>2</sup> 0.00000000000000005 mm	0.01	0.01	0.01	0.00000000000000005 mm (0.00000000000000005 mm conductor)	0.01	
0.00000000000000002 mm <sup>2</sup> 0.00000000000000002 mm	0.01	0.01	0.01	0.00000000000000002 mm (0.00000000000000002 mm conductor)	0.01	
0.00000000000000001 mm <sup>2</sup> 0.00000000000000001 mm	0.01	0.01	0.01	0.00000000000000001 mm (0.00000000000000001 mm conductor)	0.01	
0.000000000000000005 mm <sup>2</sup> 0.000000000000000005 mm	0.01	0.01	0.01	0.000000000000000005 mm (0.000000000000000005 mm conductor)	0.01	
0.000000000000000002 mm <sup>2</sup> 0.000000000000000002 mm	0.01	0.01	0.01	0.000000000000000002 mm (0.000000000000000002 mm conductor)	0.01	
0.000000000000000001 mm <sup>2</sup> 0.000000000000000001 mm	0.01	0.01	0.01	0.000000000000000001 mm (0.000000000000000001 mm conductor)	0.01	
0.0000000000000000005 mm <sup>2</sup> 0.0000000000000000005 mm	0.01	0.01	0.01	0.0000000000000000005 mm (0.0000000000000000005 mm conductor)	0.01	
0.0000000000000000002 mm <sup>2</sup> 0.0000000000000000002 mm	0.01	0.01	0.01	0.0000000000000000002 mm (0.0000000000000000002 mm conductor)	0.01	
0.0000000000000000001 mm <sup>2</sup> 0.0000000000000000001 mm	0.01	0.01	0.01	0.0000000000000000001 mm (0.0000000000000000001 mm conductor)	0.01	
0.00000000000000000005 mm <sup>2</sup> 0.00000000000000000005 mm	0.01	0.01	0.01	0.00000000000000000005 mm (0.00000000000000000005 mm conductor)	0.01	
0.00000000000000000002 mm <sup>2</sup> 0.00000000000000000002 mm	0.01	0.01	0.01	0.00000000000000000002 mm (0.00000000000000000002 mm conductor)	0.01	
0.00000000000000000001 mm <sup>2</sup> 0.00000000000000000001 mm	0.01	0.01	0.01	0.00000000000000000001 mm (0.00000000000000000001 mm conductor)	0.01	
0.000000000000000000005 mm <sup>2</sup> 0.000000000000000000005 mm	0.01	0.01	0.01	0.000000000000000000005 mm (0.000000000000000000005 mm conductor)	0.01	
0.000000000000000000002 mm <sup>2</sup> 0.000000000000000000002 mm	0.01	0.01	0.01	0.000000000000000000002 mm (0.000000000000000000002 mm conductor)	0.01	
0.000000000000000000001 mm <sup>2</sup> 0.000000000000000000001 mm	0.01	0.01	0.01	0.000000000000000000001 mm (0.000000000000000000001 mm conductor)	0.01	
0.0000000000000000000005 mm <sup>2</sup> 0.0000000000000000000005 mm	0.01	0.01	0.01	0.0000000000000000000005 mm (0.0000000000000000000005 mm conductor)	0.01	
0.0000000000000000000002 mm <sup>2</sup> 0.0000000000000000000002 mm	0.01	0.01	0.01	0.0000000000000000000002 mm (0.0000000000000000000002 mm conductor)	0.01	
0.0000000000000000000001 mm <sup>2</sup> 0.0000000000000000000001 mm	0.01	0.01	0.01	0.0000000000000000000001 mm (0.0000000000000000000001 mm conductor)	0.01	
0.00000000000000000000005 mm <sup>2</sup> 0.00000000000000000000005 mm	0.01	0.01	0.01	0.00000000000000000000005 mm (0.00000000000000000000005 mm conductor)	0.01	
0.00000000000000000000002 mm <sup>2</sup> 0.00000000000000000000002 mm	0.01	0.01	0.01	0.00000000000000000000002 mm (0.00000000000000000000002 mm conductor)	0.01	
0.00000000000000000000001 mm <sup>2</sup> 0.00000000000000000000001 mm	0.01	0.01	0.01	0.00000000000000000000001 mm (0.00000000000000000000001 mm conductor)	0.01	
0.000000000000000000000005 mm <sup>2</sup> 0.000000000000000000000005 mm	0.01	0.01	0.01	0.000000000000000000000005 mm (0.000000000000000000000005 mm conductor)	0.01	
0.000000000000000000000002 mm <sup>2</sup> 0.000000000000000000000002 mm	0.01	0.01	0.01	0.000000000000000000000002 mm (0.000000000000000000000002 mm conductor)	0.01	
0.000000000000000000000001 mm <sup>2</sup> 0.000000000000000000000001 mm	0.01	0.01	0.01	0.000000000000000000000001 mm (0.000000000000000000000001 mm conductor)	0.01	
0.0000000000000000000000005 mm <sup>2</sup> 0.0000000000000000000000005 mm	0.01	0.01	0.01	0.0000000000000000000000005 mm (0.0000000000000000000000005 mm conductor)	0.01	
0.0000000000000000000000002 mm <sup>2</sup> 0.0000000000000000000000002 mm	0.01	0.01	0.01	0.0000000000000000000000002 mm (0.0000000000000000000000002 mm conductor)	0.01	
0.0000000000000000000000001 mm <sup>2</sup> 0.0000000000000000000000001 mm	0.01	0.01	0.01	0.0000000000000000000000001 mm (0.0000000000000000000000001 mm conductor)	0.01	
0.00000000000000000000000005 mm <sup>2</sup> 0.00000000000000000000000005 mm	0.01	0.01	0.01	0.00000000000000000000000005 mm (0.00000000000000000000000005 mm conductor)	0.01	
0.00000000000000000000000002 mm <sup>2</sup> 0.00000000000000000000000002 mm	0.01	0.01	0.01	0.00000000000000000000000002 mm (0.00000000000000000000000002 mm conductor)	0.01	
0.00000000000000000000000001 mm <sup>2</sup> 0.00000000000000000000000001 mm	0.01	0.01	0.01	0.00000000000000000000000001 mm (0.00000000000000000000000001 mm conductor)	0.01	
0.000000000000000000000000005 mm <sup>2</sup> 0.000000000000000000000000005 mm	0.01	0.01	0.01	0.000000000000000000000000005 mm (0.000000000000000000000000005 mm conductor)	0.01	
0.000000000000000000000000002 mm <sup>2</sup> 0.000000000000000000000000002 mm	0.01	0.01	0.01	0.000000000000000000000000002 mm (0.000000000000000000000000002 mm conductor)	0.01	
0.000000000000000000000000001 mm <sup>2</sup> 0.000000000000000000000000001 mm	0.01	0.01	0.01	0.000000000000000000000000001 mm (0.000000000000000000000000001 mm conductor)	0.01	
0.0000000000000000000000000005 mm <sup>2</sup> 0.0000000000000000000000000005 mm	0.01	0.01	0.01	0.0000000000000000000000000005 mm (0.0000000000000000000000000005 mm conductor)	0.01	
0.0000000000000000000000000002 mm <sup>2</sup> 0.0000000000000000000000000002 mm	0.01	0.01	0.01	0.0000000000000000000000000002 mm (0.0000000000000000000000000002 mm conductor)	0.01	
0.0000000000000000000000000001 mm <sup>2</sup> 0.0000000000000000000000000001 mm	0.01	0.01	0.01	0.0000000000000000000000000001 mm (0.0000000000000000000000000001 mm conductor)	0.01	
0.00000000000000000000000000005 mm <sup>2</sup> 0.00000000000000000000000000005 mm	0.01	0.01	0.01	0.00000000000000000000000000005 mm (0.00000000000000000000000000005 mm conductor)	0.01	
0.00000000000000000000000000002 mm <sup>2</sup> 0.00000000000000000000000000002 mm	0.01	0.01				

Conductor connection data according to IEC 1055 (Al-Cu)				
Conductor size (mm²)	XNRE2.00093			
	Line		Load	
	Copper	Aluminum	Copper	Aluminum
AWG 4	 10 mm²	 16 mm²	 10 mm²	 16 mm²
AWG 6		25 kDa in		35 kDa in
AWG 8		22 kDa in		22 kDa in
AWG 10				22 kDa in
AWG 12				
AWG 14				
AWG 16				
max. current	90 A	90 A	90 A	90 A
Voltage size U <sub>0</sub> /U <sub>i</sub> (kV)	600 V			

 Solid
 Flexible with braid

**CSA Rating data according to CSA 22.2 No. 158 ng data**

Describe no. (diffuse) NCR76.00693

Input Line no.	Line		Lead	
	Copper	Aluminum	Copper	Aluminum
	<div> <div>1.75mm</div> <div>2.0mm</div> <div>2.5mm</div> </div>	<div> <div>2.0mm</div> <div>2.5mm</div> <div>3.0mm</div> </div>	<div> <div>1.75mm</div> <div>2.0mm</div> <div>2.5mm</div> </div>	<div> <div>2.0mm</div> <div>2.5mm</div> <div>3.0mm</div> </div>
AUG 4		4 Nm		4 Nm
AUG 5	2.5 Nm		2.1 Nm	
AUG 10				
AUG 15			2.1 Nm	
AUG 16				
AUG 17				
AUG 18				
max. current	80 A	80 A	65 A	65 A
Calculated size IEC (10%)	600V			

☐ 1.75mm     ☐ 2.0mm     ☐ 2.5mm

Standed     Solid     Flexible with braid

