

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

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Nos blocs de distribution WPD 1XX sont utilisés dans toutes les situations où de la puissance est fournie et distribuée. Leur design convivial offre un meilleur aperçu et permet une implémentation rapide et efficace de la distribution d'énergie en permettant de gagner de la place.

Informations générales de commande

Version	Blocs de jonction de distribution de potentiel, Raccordement vissé, Rouge, 70 mm ² , 215 A, 1000 V, Nombre de raccordements: 6, Nombre d'étages: 1
Référence	2725340000
Type	WPD 106 1X70/2X25+3X16 RD
GTIN (EAN)	4050118796544
Qté.	1 pièce(s)

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Caractéristiques techniques

Dimensions et poids

Profondeur	50,4 mm	Profondeur (pouces)	1,984 inch
Hauteur	74,5 mm	Hauteur (pouces)	2,933 inch
Largeur	39,5 mm	Largeur (pouces)	1,555 inch
Poids net	200 g		

Températures

Température de stockage	-25 °C...55 °C	Température ambiante	-5 °C...40 °C
Température d'utilisation permanente, min.	-50 °C	Température d'utilisation permanente, max.	130 °C

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		

Caractéristiques nominales selon IECEx/ATEX

Certificat N° (ATEX)	CNEX16ATEX0005U	Certificat N° (IECEx)	IECExCNEX16.0005U
Tension max. (ATEX)	880 V	Courant (ATEX)	160 A
Section max. du conducteur (ATEX)	50 mm ²	Tension max. (IECEx)	880 V
Courant (IECEx)	160 A		

Autres caractéristiques techniques

Côté ouvert	fermé	Type de montage	monté
Version à I#92épreuve de I#92explosion	Oui		

Caractéristiques des matériaux

Matériau	Wemid	Couleur	Rouge
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	Nombre de potentiels par étage	1
Etages internes pontés	Oui	Rail	Plaque de montage, TS 35
Fonction N	Oui	Fonction PE	Non
Fonction PEN	Non		

Caractéristiques nominales

Section nominale	70 mm ²	Tension nominale	1 000 V
Tension nominale AC	1 000 V	Tension nominale DC	1 500 V
Courant nominal	215 A	Courant avec conducteur max.	215 A
Normes	IEC 60947-7-1, UL 1059		

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Caractéristiques techniques

Caractéristiques nominales selon CSA

N° de certificat (cCSAus) 70128467

Caractéristiques nominales selon UL

Certificat N° (cURus) E60693

Conducteur raccordable (autre raccordement)

Type de raccordement, autre raccorde-
ment Raccordement vissé

Généralités

Nombre de pôles	1	Normes	IEC 60947-7-1, UL 1059
Rail	Plaque de montage, TS 35	Section de raccordement du conducteur, AWG, max.	AWG 2/0
Section de raccordement du conducteur, AWG, min.	AWG 16		

Raccordement (raccordement nominal)

Nombre de raccordements	6	Plage de serrage, max.	70 mm ²
Plage de serrage, min.	1,5 mm ²	Section de raccordement du conducteur, AWG, max.	AWG 2/0
Section de raccordement du conducteur, AWG, min.	AWG 16	Section de raccordement du conducteur, rigide, max.	70 mm ²
Section de raccordement du conducteur, souple avec embout DIN 46228/1, max.	50 mm ²	Section de raccordement du conducteur, souple, max.	0 mm ²
Section de raccordement, semi-rigide, max.	70 mm ²	Sens de raccordement	latéralement
Type de raccordement	Raccordement vissé	Type de raccordement 2	Raccordement vissé

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	e1c310ef-6b67-4efa-80a6-d307472f4de9

Note importante

Informations sur le produit L'alvéole de test respecte la classe d'inflammabilité V-2 selon UL94.

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Caractéristiques techniques
Agréments

Agréments



Agréments MAMID

https://mdcop.weidmueller.com/mediadelivery/rendition/900_319221/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319213/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319240/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/

ROHS

Conforme

UL File Number Search

Site Web UL

Certificat N° (cURus)

E60693

Téléchargements

Agrément/Certificat/Document de conformité

[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](#)

Données techniques

[CAD data – STEP](#)

Documentation utilisateur

[DATA SHEET WPD 106](#)
[Manual - How to connect aluminum wires in WPD-Terminal blocks](#)
[Torque Conductor Connection Data WPD_EN](#)
[Drehmoment Leiteranschlussdaten WPD_DE](#)

Catalogue

[Catalogues in PDF-format](#)

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Connector connection data according to IEC 60947-3-1 (Cu)

connector point A

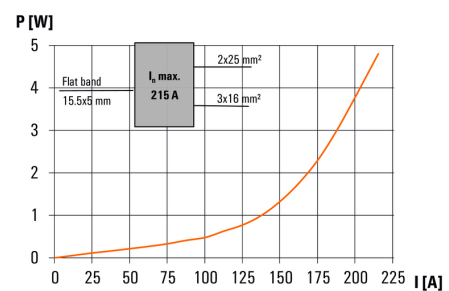
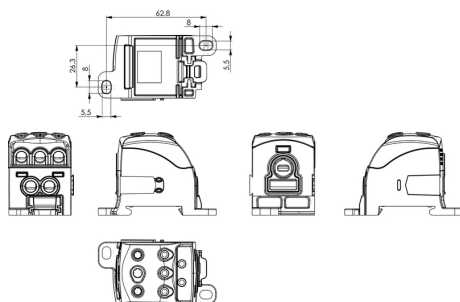
Design	Cable	Cable	Cable	Cable	Cable	Cable
	C 10	C 16	C 25	C 35	C 50	C 70
10 mm²						
16 mm²						
25 mm²						
35 mm²						
50 mm²						
70 mm²						
95 mm²						
120 mm²						
150 mm²						
185 mm²						
240 mm²						
300 mm²						
350 mm²						
400 mm²						
500 mm²						
630 mm²						
800 mm²						
1000 mm²						
1250 mm²						
1600 mm²						
2000 mm²						
2500 mm²						
3150 mm²						
4000 mm²						
5000 mm²						
6300 mm²						
8000 mm²						
10000 mm²						
12500 mm²						
16000 mm²						
20000 mm²						
25000 mm²						
31500 mm²						
40000 mm²						
50000 mm²						
63000 mm²						
80000 mm²						
100000 mm²						
125000 mm²						
160000 mm²						
200000 mm²						
250000 mm²						
315000 mm²						
400000 mm²						
500000 mm²						
630000 mm²						
800000 mm²						
1000000 mm²						
1250000 mm²						
1600000 mm²						
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2500000 mm²						
3150000 mm²						
4000000 mm²						
5000000 mm²						
6300000 mm²						
8000000 mm²						
10000000 mm²						
12500000 mm²						
16000000 mm²						
20000000 mm²						
25000000 mm²						
31500000 mm²						
40000000 mm²						
50000000 mm²						
63000000 mm²						
80000000 mm²						
100000000 mm²						
125000000 mm²						
160000000 mm²						

Connector connection data according to UL 1591 (AEC-C)

Conductor size (AWG)

32742 (AEC-C)

Input Size	Dimension				Input Size
	C 1-2	C 3-4	C 23-24	C 25-26	
AWG 10-12	12.7 mm	12.7 mm	12.7 mm	12.7 mm	10-12
AWG 12-14	10.2 mm	10.2 mm	10.2 mm	10.2 mm	12-14
AWG 14-16	7.6 mm	7.6 mm	7.6 mm	7.6 mm	14-16
AWG 16-18	6.3 mm	6.3 mm	6.3 mm	6.3 mm	16-18
AWG 18-20	5.1 mm	5.1 mm	5.1 mm	5.1 mm	18-20
AWG 20-22	4.0 mm	4.0 mm	4.0 mm	4.0 mm	20-22
AWG 22-24	3.2 mm	3.2 mm	3.2 mm	3.2 mm	22-24
AWG 24-26	2.5 mm	2.5 mm	2.5 mm	2.5 mm	24-26
AWG 26-28	2.0 mm	2.0 mm	2.0 mm	2.0 mm	26-28
AWG 28-30	1.6 mm	1.6 mm	1.6 mm	1.6 mm	28-30
AWG 30-32	1.3 mm	1.3 mm	1.3 mm	1.3 mm	30-32
AWG 32-34	1.0 mm	1.0 mm	1.0 mm	1.0 mm	32-34
AWG 34-36	0.8 mm	0.8 mm	0.8 mm	0.8 mm	34-36
AWG 36-38	0.6 mm	0.6 mm	0.6 mm	0.6 mm	36-38
AWG 38-40	0.5 mm	0.5 mm	0.5 mm	0.5 mm	38-40
AWG 40-42	0.4 mm	0.4 mm	0.4 mm	0.4 mm	40-42
AWG 42-44	0.3 mm	0.3 mm	0.3 mm	0.3 mm	42-44
AWG 44-46	0.2 mm	0.2 mm	0.2 mm	0.2 mm	44-46
AWG 46-48	0.1 mm	0.1 mm	0.1 mm	0.1 mm	46-48
AWG 48-50	0.1 mm	0.1 mm	0.1 mm	0.1 mm	48-50
AWG 50-52	0.1 mm	0.1 mm	0.1 mm	0.1 mm	50-52
AWG 52-54	0.1 mm	0.1 mm	0.1 mm	0.1 mm	52-54
AWG 54-56	0.1 mm	0.1 mm	0.1 mm	0.1 mm	54-56
AWG 56-58	0.1 mm	0.1 mm	0.1 mm	0.1 mm	56-58
AWG 58-60	0.1 mm	0.1 mm	0.1 mm	0.1 mm	58-60
AWG 60-62	0.1 mm	0.1 mm	0.1 mm	0.1 mm	60-62
AWG 62-64	0.1 mm	0.1 mm	0.1 mm	0.1 mm	62-64
AWG 64-66	0.1 mm	0.1 mm	0.1 mm	0.1 mm	64-66
AWG 66-68	0.1 mm	0.1 mm	0.1 mm	0.1 mm	66-68
AWG 68-70	0.1 mm	0.1 mm	0.1 mm	0.1 mm	68-70
AWG 70-72	0.1 mm	0.1 mm	0.1 mm	0.1 mm	70-72
AWG 72-74	0.1 mm	0.1 mm	0.1 mm	0.1 mm	72-74
AWG 74-76	0.1 mm	0.1 mm	0.1 mm	0.1 mm	74-76
AWG 76-78	0.1 mm	0.1 mm	0.1 mm	0.1 mm	76-78
AWG 78-80	0.1 mm	0.1 mm	0.1 mm	0.1 mm	78-80
AWG 80-82	0.1 mm	0.1 mm	0.1 mm	0.1 mm	80-82
AWG 82-84	0.1 mm	0.1 mm	0.1 mm	0.1 mm	82-84
AWG 84-86	0.1 mm	0.1 mm	0.1 mm	0.1 mm	84-86
AWG 86-88	0.1 mm	0.1 mm	0.1 mm	0.1 mm	86-88
AWG 88-90	0.1 mm	0.1 mm	0.1 mm	0.1 mm	88-90
AWG 90-92	0.1 mm	0.1 mm	0.1 mm	0.1 mm	90-92
AWG 92-94	0.1 mm	0.1 mm	0.1 mm	0.1 mm	92-94
AWG 94-96	0.1 mm	0.1 mm	0.1 mm	0.1 mm	94-96
AWG 96-98	0.1 mm	0.1 mm	0.1 mm	0.1 mm	96-98
AWG 98-100	0.1 mm	0.1 mm	0.1 mm	0.1 mm	98-100
AWG 100-102	0.1 mm	0.1 mm	0.1 mm	0.1 mm	100-102
AWG 102-104	0.1 mm	0.1 mm	0.1 mm	0.1 mm	102-104
AWG 104-106	0.1 mm	0.1 mm	0.1 mm	0.1 mm	104-106
AWG 106-108	0.1 mm	0.1 mm	0.1 mm	0.1 mm	106-108
AWG 108-110	0.1 mm	0.1 mm	0.1 mm	0.1 mm	108-110
AWG 110-112	0.1 mm	0.1 mm	0.1 mm	0.1 mm	110-112
AWG 112-114	0.1 mm	0.1 mm	0.1 mm	0.1 mm	112-114
AWG 114-116	0.1 mm	0.1 mm	0.1 mm	0.1 mm	114-116
AWG 116-118	0.1 mm	0.1 mm	0.1 mm	0.1 mm	116-118
AWG 118-120	0.1 mm	0.1 mm	0.1 mm	0.1 mm	118-120
AWG 120-122	0.1 mm	0.1 mm	0.1 mm	0.1 mm	120-122
AWG 122-124	0.1 mm	0.1 mm	0.1 mm	0.1 mm	122-124
AWG 124-126	0.1 mm	0.1 mm	0.1 mm	0.1 mm	124-126
AWG 126-128	0.1 mm	0.1 mm	0.1 mm	0.1 mm	126-128
AWG 128-130	0.1 mm	0.1 mm	0.1 mm	0.1 mm	128-130
AWG 130-132	0.1 mm	0.1 mm	0.1 mm	0.1 mm	130-132
AWG 132-134	0.1 mm	0.1 mm	0.1 mm	0.1 mm	132-134
AWG 134-136	0.1 mm	0.1 mm	0.1 mm	0.1 mm	134-136
AWG 136-138	0.1 mm	0.1 mm	0.1 mm	0.1 mm	136-138
AWG 138-140	0.1 mm	0.1 mm	0.1 mm	0.1 mm	138-140
AWG 140-142	0.1 mm	0.1 mm	0.1 mm	0.1 mm	140-142
AWG 142-144	0.1 mm	0.1 mm	0.1 mm	0.1 mm	142-144
AWG 144-146	0.1 mm	0.1 mm	0.1 mm	0.1 mm	144-146
AWG 146-148	0.1 mm	0.1 mm	0.1 mm	0.1 mm	146-148
AWG 148-150	0.1 mm	0.1 mm	0.1 mm	0.1 mm	148-150
AWG 150-152	0.1 mm	0.1 mm	0.1 mm	0.1 mm	150-152
AWG 152-154	0.1 mm	0.1 mm	0.1 mm	0.1 mm	152-154
AWG 154-156	0.1 mm	0.1 mm	0.1 mm	0.1 mm	154-156
AWG 156-158	0.1 mm	0.1 mm	0.1 mm	0.1 mm	156-158
AWG 158-160	0.1 mm	0.1 mm	0.1 mm	0.1 mm	158-160
AWG 160-162	0.1 mm	0.1 mm	0.1 mm	0.1 mm	160-162
AWG 162-164	0.1 mm	0.1 mm	0.1 mm	0.1 mm	162-164
AWG 164-166	0.1 mm	0.1 mm	0.1 mm	0.1 mm	164-166
AWG 166-168	0.1 mm	0.1 mm	0.1 mm	0.1 mm	166-168
AWG 168-170	0.1 mm	0.1 mm	0.1 mm	0.1 mm	168-170
AWG 170-172	0.1 mm	0.1 mm	0.1 mm	0.1 mm	170-172
AWG 172-174	0.1 mm	0.1 mm	0.1 mm	0.1 mm	172-174
AWG 174-176	0.1 mm	0.1 mm	0.1 mm	0.1 mm	174-176
AWG 176-178	0.1 mm	0.1 mm	0.1 mm	0.1 mm	176-178
AWG 178-180	0.1 mm	0.1 mm	0.1 mm	0.1 mm	178-180
AWG 180-182	0.1 mm	0.1 mm	0.1 mm	0.1 mm	180-182
AWG 182-184	0.1 mm	0.1 mm	0.1 mm	0.1 mm	182-184
AWG 184-186	0.1 mm	0.1 mm	0.1 mm	0.1 mm	184-186
AWG 186-188	0.1 mm	0.1 mm	0.1 mm	0.1 mm	186-188
AWG 188-190	0.1 mm	0.1 mm	0.1 mm	0.1 mm	188-190
AWG 190-192	0.1 mm	0.1 mm	0.1 mm	0.1 mm	190-192
AWG 192-194	0.1 mm	0.1 mm	0.1 mm	0.1 mm	192-194
AWG 194-196	0.1 mm	0.1 mm	0.1 mm	0.1 mm	194-196
AWG 196-198	0.1 mm	0.1 mm	0.1 mm	0.1 mm	196-198
AWG 198-200	0.1 mm	0.1 mm	0.1 mm	0.1 mm	198-200
AWG 200-202	0.1 mm	0.1 mm	0.1 mm	0.1 mm	200-202
AWG 202-204	0.1 mm	0.1 mm	0.1 mm	0.1 mm	202-204
AWG 204-206	0.1 mm	0.1 mm	0.1 mm	0.1 mm	204-206
AWG 206-208	0.1 mm	0.1 mm	0.1 mm	0.1 mm	206-208
AWG 208-210	0.1 mm	0.1 mm	0.1 mm	0.1 mm	208-210
AWG 210-212	0.1 mm	0.1 mm	0.1 mm	0.1 mm	210-212
AWG 212-214	0.1 mm	0.1 mm	0.1 mm	0.1 mm	212-214
AWG 214-216	0.1 mm	0.1 mm	0.1 mm	0.1 mm	214-216
AWG 216-218	0.1 mm	0.1 mm	0.1 mm	0.1 mm	216-218
AWG 218-220	0.1 mm	0.1 mm	0.1 mm	0.1 mm	218-220
AWG 220-222	0.1 mm	0.1 mm	0.1 mm	0.1 mm	220-222
AWG 222-224	0.1 mm	0.1 mm	0.1 mm	0.1 mm	222-224
AWG 224-226	0.1 mm	0.1 mm	0.1 mm	0.1 mm	224-226
AWG 226-228	0.1 mm	0.1 mm	0.1 mm	0.1 mm	226-228
AWG 228-230	0.1 mm	0.1 mm	0.1 mm	0.1 mm	228-230
AWG 230-232	0.1 mm	0.1 mm	0.1 mm	0.1 mm	230-232
AWG 232-234	0.1 mm	0.1 mm	0.1 mm	0.1 mm	232-234
AWG 234-236	0.1 mm	0.1 mm	0.1 mm	0.1 mm	234-236
AWG 236-238	0.1 mm	0.1 mm	0.1 mm	0.1 mm	236-238
AWG 238-240	0.1 mm	0.1 mm	0.1 mm	0.1 mm	238-240
AWG 240-242	0.1 mm	0.1 mm	0.1 mm	0.1 mm	240-242
AWG 242-244	0.1 mm	0.1 mm	0.1 mm	0.1 mm	242-244
AWG 244-246	0.1 mm	0.1 mm	0.1 mm	0.1 mm	244-246
AWG 246-248	0.1 mm	0.1 mm	0.1 mm	0.1 mm	246-248
AWG 248-250	0.1 mm	0.1 mm	0.1 mm	0.1 mm	248-250
AWG 250-252	0.1 mm	0.1 mm	0.1 mm	0.1 mm	250-252
AWG 252-254	0.1 mm	0.1 mm	0.1 mm	0.1 mm	252-254
AWG 254-256	0.1 mm	0.1 mm	0.1 mm	0.1 mm	254-256
AWG 256-258	0.1 mm	0.1 mm	0.1 mm	0.1 mm	256-258
AWG 258-260	0.1 mm	0.1 mm	0.1 mm	0.1 mm	258-260
AWG 260-262	0.1 mm	0.1 mm	0.1 mm	0.1 mm	260-262
AWG 262-264	0.1 mm	0.1 mm	0.1 mm	0.1 mm	262-264
AWG 264-266	0.1 mm	0.1 mm	0.1 mm	0.1 mm	264-266
AWG 266-268	0.1 mm	0.1 mm	0.1 mm	0.1 mm	266-268
AWG 268-270	0.1 mm	0.1 mm	0.1 mm	0.1 mm	268-270
AWG 270-272	0.1 mm	0.1 mm	0.1 mm	0.1 mm	270-272
AWG 272-274	0.1 mm	0.1 mm	0.1 mm	0.1 mm	272-274
AWG 274-276	0.1 mm	0.1 mm	0.1 mm	0.1 mm	274-276
AWG 276-278	0.1 mm	0.1 mm	0.1 mm	0.1 mm	276-278
AWG 278-280	0.1 mm	0.1 mm	0.1 mm	0.1 mm	278-280
AWG 280-282	0.1 mm	0.1 mm	0.1 mm	0.1 mm	280-282
AWG 282-284	0.1 mm	0.1 mm	0.1 mm	0.1 mm	282-284
AWG 284-286	0.1 mm	0.1 mm	0.1 mm	0.1 mm	284-286
AWG 286-288	0.1 mm	0.1 mm	0.1 mm	0.1 mm	286-288
AWG 288-290	0.1 mm	0.1 mm	0.1 mm	0.1 mm	288-290
AWG 290-292	0.1 mm	0.1 mm	0.1 mm	0.1 mm	290-292
AWG 292-294	0.1 mm	0.1 mm	0.1 mm	0.1 mm	292-294
AWG 294-296	0.1 mm	0.1 mm	0.1 mm	0.1 mm	294-296
AWG 296-298	0.1 mm	0.1 mm	0.1 mm	0.1 mm	296-298
AWG 298-300	0.1 mm	0.1 mm	0.1 mm	0.1 mm	298-300
AWG 300-302	0.1 mm	0.1 mm	0.1 mm	0.1 mm	300-302
AWG 302-304	0.1 mm	0.1 mm	0.1 mm	0.1 mm	302-304
AWG 304-306	0.1 mm	0.1 mm	0.1 mm	0.1 mm	304-306
AWG 306-308	0.1 mm	0.1 mm	0.1 mm	0.1 mm	306-308
AWG 308-310	0.1 mm	0.1 mm	0.1 mm	0.1 mm	308-310
AWG 310-312	0.1 mm	0.1 mm	0.1 mm	0.1 mm	310-312
AWG 312-314	0.1 mm	0.1 mm	0.1 mm	0.1 mm	312-314
AWG 314-316	0.1 mm	0.1 mm	0.1 mm	0.1 mm	314-316
AWG 316-318	0.1 mm	0.1 mm	0.1 mm	0.1 mm	316-318
AWG 318-320	0.1 mm	0.1 mm	0.1 mm	0.1 mm	318-320
AWG 320-322	0.1 mm	0.1 mm	0.1 mm	0.1 mm	320-322
AWG 322-324	0.1 mm	0.1 mm	0.1 mm	0.1 mm	322-324
AWG 324-326	0.1 mm	0.1 mm	0.1 mm	0.1 mm	324-326
AWG 326-328	0.1 mm	0.1 mm	0.1 mm	0.1 mm	326-328
AWG 328-330	0.1 mm	0.1 mm	0.1 mm	0.1 mm	328-330
AWG 330-332	0.1 mm	0.1 mm	0.1 mm	0.1 mm	330-332
AWG 332-334	0.1 mm	0.1 mm	0.1 mm	0.1 mm	332-334
AWG 334-336	0.1 mm	0.1 mm	0.1 mm		

[illegible]

Power distribution

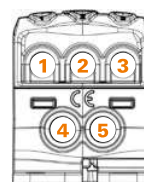
Screw connection

W-Series

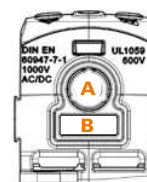
WPD 106 1X70/2X25+3X16 GY



WPD 106

70 mm²

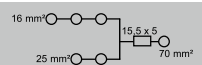
output



input

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

39.5 / 50.4 / 70
192 / 70
10...70



Technical data

Rated data		
Rated voltage	V	
Rated current	A	
for wire cross-section	70 mm ²	mm ²
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	70 mm ²	mm ²
	25 mm ²	mm ²
	16 mm ²	mm ²
	70 mm ²	mm ²
Flexible with ferrule	25 mm ²	mm ²
	16 mm ²	mm ²
	70 mm ²	mm/-
	25 mm ²	mm/-
Stripping length / Blade size	70 mm ²	mm/-
	16 mm ²	mm/-
Tightening torque	Nm	
Note		

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

IEC	UL	CSA	EN 60079-7
1000	600	600	550
192	160	175	160
70	AWG 10...2/0	AWG 10...2/0	70
	8 kV / 3		
	III / V-0		

Rated connection

10...70 / 10...70
2.5...25 / 2.5...25
1.5...16 / 1.5...16
6...50
1.5...16
1.5...10
19 / M8
14 / M6
12 / M6

see appendix at the end of the chapter

Ordering data

Version	
	grey
	blue
	red
	black

Note

Type	Qty.	Order No.
WPD 106 1x70/2x25+3x16 GY	1	1562210000
WPD 106 1x70/2x25+3x16 BL	1	2518570000
WPD 106 1x70/2x25+3x16 RD	1	2725340000
WPD 106 1x70/2x25+3x16 BK	1	2725440000

Accessories

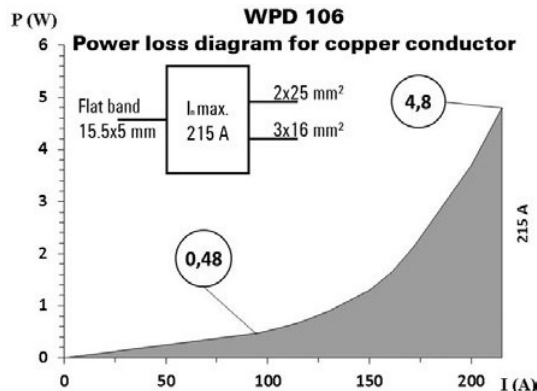
Cross connection	
	2-pole
End bracket	
	dark beige
	dark beige
Screwdriver	
	SET

Type	Qty.	Order No.
WQB WPD X06/2	20	1561940000
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

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

Input	connection point A				CP** B
	Copper		Aluminium*		Copper
					
70 mm ²	10 Nm	10 Nm	13,6 Nm	13,6 Nm	
50 mm ²					
35 mm ²					
25 mm ²					
16 mm ²					
10 mm ²					
6 mm ²					
Flat band 15,5x5 mm					2 Nm
Stripping lengths	19 mm				17 mm
Allen screw	M8				M5

* Values according to UL 1059 ** CP - connection point



Output	connection point 1/2/3				connection point 4/5			
	Copper		Aluminium*		Copper		Aluminium*	
								
25 mm ²	2 Nm			2,5 Nm				
16 mm ²								
10 mm ²		2 Nm	5,1 Nm		2,5 Nm	5,1 Nm	5,1 Nm	
6 mm ²								
4 mm ²								
2.5 mm ²								
1.5 mm ²								
Stripping lengths	12 mm			14 mm				
Allen screw	M6			M6				
* Values according to UL 1059								

* Values according to UL 1059

 Mehrdrähtig  Eindrätig  Feindrähtig mit Aderendhülse  Sektorförmig  Flachband

B

UL Rating data according to UL 1059

Certificate no. (UR)	XCFR2.E60693				CP** B
	connection point A		Aluminium		Copper
Input (line)					
AWG 2/0	88.5 Lb In.	88.5 Lb In.	120.4 Lb In.	100 Lb In.	
AWG 1/0					
AWG 2					
AWG 4					
AWG 6					
AWG 8					
AWG10					
Flat band 15.5x3.2 mm					17.4 Lb In.
max. current	160 A	150 A	135 A	120 A	160 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	
	CP* A	CP* 1/2/3	CP* 4/5
AWG 2/0	10 Nm.		
AWG 1/0			
AWG 2			
AWG 4			
AWG 6			
AWG 8		2 Nm	2 Nm
AWG10			
AWG 12			
AWG 14			
AWG 16			
max. current	175 A	50 A	65 A
Voltage size C (CSA)	600 V		

* CP - connection point

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

 Stranded  Solid  Flexible with ferrule  Sector shaped  Flat band