

AC N 160A 4POL DE

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

www.weidmueller.com



General ordering data

Version	Photovoltaics, Grid protection system, 400 V, 160 A, 4 pole, Apparent generator power max. 110 kVA, TT, TN-S
Order No.	8000161612
Type	AC N 160A 4POL DE
GTIN (EAN)	409998758255 1
Qty.	1 items

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Technical data

Dimensions and weights

Depth	230 mm	Depth (inches)	9.0551 inch
Height	907 mm	Height (inches)	35.7086 inch
Width	370 mm	Width (inches)	14.5669 inch
Net weight	10004.19 g		

Connection

Number of poles	4	Wire cross section, max.	95 mm ²
Connection type	Screw connection		

Disconnecter

Rated breaking capacity	100 kA	Utilization category according to IEC 60947	AC-22A
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Electrical characteristics

Low voltage network	TT, TN-S	Rated voltage	400 V
Frequency	50 Hz	Short circuit current, max.	100 kA
Apparent power of the generation plant, max.	110 kVA	Rated current	160 A
Current back-up fuse (gG / gL), max.	160 A		

Enclosure

Protection class	I	Suitable for distribution board installation	No
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Tripping

With thermal overload protection	Yes	With overcurrent release	Yes
With ground fault protection function	No	Overcurrent release adjustment value, min.	112 A
Overcurrent release adjustment value, max.	160 A		

Classifications

ETIM 8.0	EC002283	ETIM 9.0	EC002283
ETIM 10.0	EC002283	ECLASS 14.0	27-37-04-09
ECLASS 15.0	27-37-04-09		



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Accessories

UV-resistant cable ties



UV-resistant polyamide 6.6 ensures long durability of our special cable ties even with strong UV radiation. Ideal for continuous outdoor use.

General ordering data

Type	CB-UVR 290/4,5 BK	Version	
Order No.	2659350000		Cable ties, 4.5 x 290 mm, Polyamide 66, 220 N
GTIN (EAN)	4050118682816		
Qty.	100 ST		

Sealing sets



General ordering data

Type	BLINDPLUG SET5 7X28MM	Version	
Order No.	3077670000		Photovoltaics, Blind plug
GTIN (EAN)	4099987081894		
Qty.	1 ST		
Type	BLINDPLUG SET50 7X28MM	Version	
Order No.	3077650000		Photovoltaics, Blind plug, Accessories, Blind plug, 50 pieces
GTIN (EAN)	4099987081870		
Qty.	1 ST		