

AAC 50-185 2X10**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Power feed-in**

Our wide range of W-Series terminal blocks with our WPD main line branch terminals, which are optimised to guarantee both convenience and space gains, ensures a secure and convenient connection at the power feed-in.

General ordering data

Order No.	2663420000
Type	AAC 50-185 2X10
GTIN (EAN)	4064675027966
Qty.	5 pc(s).

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Technical data

Dimensions and weights

Depth	42.5 mm	Depth (inches)	1.673 inch
Height	50.5 mm	Height (inches)	1.988 inch
Width	20 mm	Width (inches)	0.787 inch
Net weight	30 g		

Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-60 °C
Continuous operating temp., max.	130 °C		

Material data

Material	Wemid	Colour	dark beige
Colour of operational elements	orange	UL 94 flammability rating	V-0

System specifications

End cover plate required	No	Number of levels	1
Number of clamping points per level	2		

Conductors for clamping (rated connection)

Connection cross-section, stranded, max.	10 mm ²	Connection cross-section, stranded, min.	0.5 mm ²
Connection direction	top	Number of connections	2
Wire connection cross section AWG, max.	AWG 6	Wire connection cross section AWG, min.	AWG 20
Wire connection cross section, finely stranded, max.	10 mm ²	Wire connection cross section, finely stranded, min.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	10 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	10 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	10 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

General

Operating temperature range, max.	130 °C	Operating temperature range, min.	-60 °C
Wire connection cross section AWG, max.	AWG 6	Wire connection cross section AWG, min.	AWG 20

Rating data

Rated cross-section	10 mm ²	Rated AC voltage	1,000 V
Rated current	57 A	Pollution severity	3
Surge voltage category	III		

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UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	6 AWG
Conductor size Factory wiring min. (cURus)	20 AWG	Conductor size Field wiring max. (cURus)	6 AWG
Conductor size Field wiring min. (cURus)	20 AWG	Current size B (cURus)	68 A
Current size C (cURus)	68 A	Current size D (cURus)	5 A
Voltage size B (cURus)	600 V	Voltage size C (cURus)	600 V
Voltage size D (cURus)	600 V		

Classifications

ETIM 6.0	EC002848	ETIM 7.0	EC002848
ETIM 8.0	EC002848	ECLASS 9.0	27-14-11-92
ECLASS 9.1	27-14-11-92	ECLASS 10.0	27-14-11-92
ECLASS 11.0	27-14-11-92		

Approvals

Approvals



UL File Number Search E60693

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