

AAC 35 2X6 GN-YL**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image****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.	2583180000
Type	AAC 35 2X6 GN-YL
GTIN (EAN)	4050118593310
Qty.	5 Stück

AAC 35 2X6 GN-YL

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

www.weidmueller.com

Technische Daten

Dimensions and weights

Depth	44 mm	Depth (inches)	1.732 inch
Height	78.5 mm	Height (inches)	3.091 inch
Width	15.9 mm	Width (inches)	0.626 inch
Net weight	22.488 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	Green/yellow
Colour of operational elements	orange	UL 94 flammability rating	V-0

System specifications

End cover plate required	No	Number of potentials	1
Number of levels	1	Number of clamping points per level	2
Number of potentials per tier	1	PE connection	Yes
N-function	No	PE function	Yes
PEN function	No		

Additional technical data

Installation advice	Plug	Type of fixing	Plugged
Type of mounting	Plug		

CSA rating data

Certificate No. (CSA)	200039-70089609	Current size B (CSA)	68 A
Current size C (CSA)	68 A	Voltage size B (CSA)	600 V
Voltage size C (CSA)	600 V	Wire cross section max. (CSA)	2 AWG
Wire cross section min. (CSA)	12 AWG		

AAC 35 2X6 GN-YL

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

www.weidmueller.com

Technische Daten

Conductors for clamping (rated connection)

Blade size	1.0 x 5.5 mm	Clamping range, max.	6 mm ²
Clamping range, min.	0.5 mm ²	Connection cross-section, stranded, max.	6 mm ²
Connection cross-section, stranded, min.	0.5 mm ²	Gauge to IEC 60947-1	A5
Number of connections	2	Stripping length	12 mm
Twin wire-end ferrules, max.	1.5 mm ²	Twin wire-end ferrules, min.	0.5 mm ²
Type of connection	PUSH IN	Wire connection cross section AWG, max.	AWG 8
Wire connection cross section AWG, min.	AWG 22	Wire connection cross section, finely stranded, max.	6 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.	6 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.	6 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.	6 mm ²
Wire connection cross-section, solid core, min.	0.5 mm ²		

General

Installation advice	Plug	Number of poles	1
Operating temperature range, max.	130 °C	Operating temperature range, min.	-50 °C
Wire connection cross section AWG, max.	AWG 8	Wire connection cross section AWG, min.	AWG 22

Rating data

Rated cross-section	6 mm ²	Rated voltage	1,000 V
Rated AC voltage	1,000 V	Rated DC voltage	1,500 V
Rated current	41 A	Current at maximum wires	41 A
Volume resistance according to IEC 60947-7-x	0.26 mΩ	Rated impulse withstand voltage	8 kV
Power loss in accordance with IEC 60947-7-x	1.31 W	Short-time withstand current resistance	8/20μs with 50 kA
Pollution severity	3	Surge voltage category	III

UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	8 AWG
Conductor size Factory wiring min. (cURus)	22 AWG	Conductor size Field wiring max. (cURus)	8 AWG
Conductor size Field wiring min. (cURus)	22 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	ECLASS 12.0	27-14-11-92

Erstellungs-Datum June 2, 2023 11:14:25 AM CEST

AAC 35 2X6 GN-YL

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

www.weidmueller.com

Technische Daten

Approvals

Approvals



UL File Number Search	UL Website
Certificate No. (cURus)	E60693

Downloads

Engineering Data	CAD data – STEP
Engineering Data	EPLAN
User Documentation	StorageConditionsTerminalBlocks BPZL AAC
Catalogues	Catalogues in PDF-format

AAC 35 2X6 GN-YL

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

www.weidmueller.com

Zeichnungen

