

**A2C 95/120 FE DL****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**General ordering data**

Version	Feed-through terminal, PUSH IN, 95 mm <sup>2</sup> , 1000 V, 232 A, black/yellow
Order No.	<a href="#">2742130000</a>
Type	A2C 95/120 FE DL
GTIN (EAN)	4064675002796
Qty.	5 pc(s).

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**Technical data****Dimensions and weights**

Depth	90 mm	Depth (inches)	3.543 inch
Height	101.5 mm	Height (inches)	3.996 inch
Width	25 mm	Width (inches)	0.984 inch
Net weight	81.6 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	black/yellow
Colour of operational elements	orange	UL 94 flammability rating	V-0

**Rating data IECEx/ATEX**

Certificate No. (ATEX)	TUEV16ATEX7909U	Certificate No. (IECEX)	IECEXTUR16.0036U
Max. voltage (ATEX)	1100 V	Current (ATEX)	211 A
Wire cross section max. (ATEX)	120 mm <sup>2</sup>	Max. voltage (IECEX)	1100 V
Current (IECEX)	211 A	Wire cross section max. (IECEX)	120 mm <sup>2</sup>

**System specifications**

End cover plate required	No	Number of levels	1
Number of potentials per tier	1	Levels cross-connected internally	No
Rail	TS 35	PEN function	No

**Additional technical data**

Explosion-tested version	Yes	Open sides	closed
Type of fixing	TS 35	Type of mounting	Snap-on

**Conductors for clamping (additional connection)**

Connection type, additional connection PUSH IN

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## Technical data

## Conductors for clamping (rated connection)

Blade size	1.0 x 5.5 mm	Clamping range, max.	120 mm <sup>2</sup>
Clamping range, min.	25 mm <sup>2</sup>	Connection cross-section, stranded, max.	120 mm <sup>2</sup>
Connection cross-section, stranded, min.	25 mm <sup>2</sup>	Connection direction	on side
Stripping length	40 mm	Type of connection	PUSH IN
Wire connection cross section AWG, max.	AWG 3/0	Wire connection cross section, finely stranded, max.	120 mm <sup>2</sup>
Wire connection cross section, finely stranded, min.	25 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	95 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	25 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	95 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	25 mm <sup>2</sup>	Wire connection cross-section, solid core, max.	120 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	25 mm <sup>2</sup>		

## General

Rail	TS 35	Standards	IEC 60947-7-1
Wire connection cross section AWG, max.	AWG 3/0		

## Rating data

Rated cross-section	95 mm <sup>2</sup>	Rated voltage	1,000 V
Rated DC voltage	1,500 V	Rated current	232 A
Current at maximum wires	232 A	Standards	IEC 60947-7-1
Rated impulse withstand voltage	8 kV	Power loss in accordance with IEC 60947-7-x	7.42 W
Pollution severity	3	Surge voltage category	III

## Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ETIM 9.0	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	27-25-01-01

## Important note

Product information	The max. connectable wire reduces by one wire size if a cross connector is used that has to be mounted in the wire entry.
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## Approvals

Approvals



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# Technical data

## Downloads

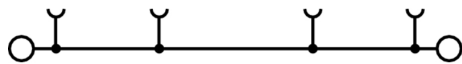
Approval/Certificate/Document of Conformity	<a href="#">Attestation of Conformity</a>
	<a href="#">UKCA Ex Attestation of Conformity</a>
	<a href="#">IECEX Certificate</a>
	<a href="#">ATEX Certificate</a>
	<a href="#">DNVGL certificate</a>
	<a href="#">CB Testreport</a>
	<a href="#">CB Certificate</a>
	<a href="#">UKCA Ex Certificate</a>
	<a href="#">CE Declaration of Conformity</a>
Engineering Data	<a href="#">UKCA declaration of conformity</a>
	<a href="#">Confirmation of Standards EN 45545-2_2020-10</a>
User Documentation	<a href="#">CAD data – STEP</a>
Catalogues	<a href="#">NTI A2C 95/120</a>
	<a href="#">Catalogues in PDF-format</a>

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# Drawings



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## Accessories

## A-Series



Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

## General ordering data

Type	AEB 35 SCL/1 V0 GY	Version
Order No.	<a href="#">2661290000</a>	A-series, End bracket
GTIN (EAN)	4050118702170	
Qty.	20 pc(s).	
Type	AEB 35 SC/1 BK	Version
Order No.	<a href="#">2475310000</a>	A-series, End bracket
GTIN (EAN)	4050118487114	
Qty.	50 pc(s).	
Type	AEB 35 SCL/1 V0 BK	Version
Order No.	<a href="#">2661300000</a>	A-series, End bracket
GTIN (EAN)	4050118702187	
Qty.	20 pc(s).	
Type	AEB 35 SC/1	Version
Order No.	<a href="#">1991920000</a>	A-series, End bracket
GTIN (EAN)	4050118376722	
Qty.	50 pc(s).	
Type	AEB 35 SCL/1 V0	Version
Order No.	<a href="#">2661280000</a>	A-series, End bracket
GTIN (EAN)	4050118702163	
Qty.	20 pc(s).	

95/120 mm<sup>2</sup>

## 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

Type	ZQV 95/120N/3	Version
Order No.	<a href="#">2694260000</a>	Cross-connector (terminal), 192 A, orange
GTIN (EAN)	4064675266570	
Qty.	10 pc(s).	

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## Accessories

Type	ZQV 95/120N/2	Version
Order No.	<a href="#">2694250000</a>	Cross-connector (terminal), Plugged, Number of poles: 2, Pitch in mm
GTIN (EAN)	4064675266563	(P): 25.00, Insulated: Yes, 192 A, orange
Qty.	10 pc(s).	

## A-Series



## 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

Type	AAC 50-185 2X10 BL	Version
Order No.	<a href="#">2663430000</a>	Auxiliary connection (terminal), 10 mm <sup>2</sup> , Number of connections: 2
GTIN (EAN)	4064675027973	
Qty.	5 pc(s).	
Type	AAC 50-185 2X10 BK-YL	Version
Order No.	<a href="#">2663450000</a>	Auxiliary connection (terminal), 10 mm <sup>2</sup> , Number of connections: 2
GTIN (EAN)	4064675027997	
Qty.	5 pc(s).	
Type	AAC 50-185 2X10 GN-YL	Version
Order No.	<a href="#">2663440000</a>	Auxiliary connection (terminal), 10 mm <sup>2</sup> , Number of connections: 2
GTIN (EAN)	4064675027980	
Qty.	5 pc(s).	
Type	AAC 50-185 2X10	Version
Order No.	<a href="#">2663420000</a>	Auxiliary connection (terminal), 10 mm <sup>2</sup> , Number of connections: 2
GTIN (EAN)	4064675027966	
Qty.	5 pc(s).	