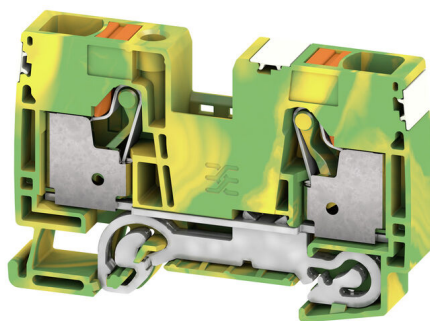


A2C 16 PE DL**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

To feed through power, signal, and data is the classical requirement in electrical engineering and panel building. The insulating material, the connection system and the design of the terminal blocks are the differentiating features. A feed-through terminal block is suitable for joining and/or connecting one or more conductors. They could have one or more connection levels that are on the same potential or insulated against one another.

General ordering data

Version	PE terminal, PUSH IN, 16 mm ² , 1000 V, Green/yellow
Order No.	2675020000
Type	A2C 16 PE DL
GTIN (EAN)	4050118817478
Qty.	20 items

A2C 16 PE DL

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

www.weidmueller.com

Technical data

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURusEX)	E184763

Dimensions and weights

Depth	51.5 mm	Depth (inches)	2.0276 inch
Depth including DIN rail	52.5 mm	Height	51.5 mm
Height (inches)	2.0276 inch	Width	12 mm
Width (inches)	0.4724 inch	Net weight	44.4 g

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-60 °C...85 °C
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%
Product Carbon Footprint	Cradle to gate 0.817 kg CO2 eq.

Material data

Basic material	Wemid	Colour	Green/yellow
UL 94 flammability rating	V-0		

Rating data IECEx/ATEX

Certificate No. (ATEX)	TUEV16ATEX7909U	Certificate No. (IECEx)	IECEXTUR16.0036U
Wire cross section max. (ATEX)	16 mm ²	Wire cross section max. (IECEx)	16 mm ²

System specifications

End cover plate required	Yes	Number of potentials	1
Number of levels	1	Number of clamping points per level	2
Number of potentials per tier	1	PE connection	Yes
Mounting rail	TS 35	PE function	Yes
PEN function	Yes		

Additional technical data

Open sides	right	Explosion-tested version	Yes
Type of mounting	TS 35		

A2C 16 PE DL

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data

CSA rating data

Wire cross section max. (CSA)	6 AWG	Voltage size C (CSA)	600 V
Certificate No. (CSA)	200039-70089609	Voltage size B (CSA)	600 V
Voltage size D (CSA)	600 V	Wire cross section min. (CSA)	18 AWG

Conductors for clamping (additional connection)

Connection type, additional connection PUSH IN

Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A6	Wire connection cross section AWG, max.	AWG 4
Stripping length	18 mm	Type of connection	PUSH IN
Number of connections	2	Clamping range, max.	25 mm ²
Clamping range, min.	0.5 mm ²	Blade size	1.0 x 5.5 mm
Wire connection cross section AWG, min.	AWG 18	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	16 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	16 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, max.	25 mm ²
Wire connection cross section, finely stranded, min.	0.5 mm ²	Connection cross-section, stranded, max.	25 mm ²
Connection cross-section, stranded, min.	0.5 mm ²	Twin wire-end ferrules, max.	6 mm ²
Twin wire-end ferrules, min.	0.75 mm ²	Wire connection cross-section, solid core, max.	16 mm ²
Wire connection cross-section, solid core, min.	0.5 mm ²	Connection cross-section, finely stranded (rated connection), min.	0.5 mm ²

General

Wire connection cross section AWG, max.	AWG 4	Wire connection cross section AWG, min.	AWG 18
Standards	IEC 60947-7-2	Mounting rail	TS 35

Rating data

Rated cross-section	16 mm ²	Rated voltage	1000 V
Rated voltage to adjoining terminal	1000 V	Rated DC voltage	1000 V
Standards	IEC 60947-7-2	Volume resistance	0.42 mΩ
Rated impulse withstand voltage	8 kV	Power loss in accordance with IEC 60947-7-x	2.43 W

Classifications

ETIM 8.0	EC000901	ETIM 9.0	EC000901
ETIM 10.0	EC000901	ECLASS 14.0	27-25-01-03
ECLASS 15.0	27-25-01-03		

Drawings

