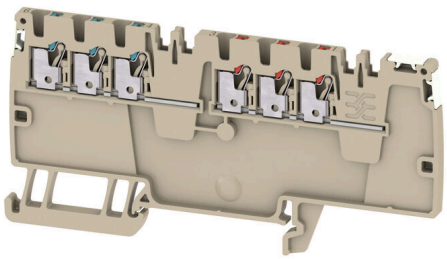
Data sheet

AAP13 1.5 LI-LI DL

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

www.weidmueller.com



The unique modular concept can be tailored to every type of machine. The potential distribution terminal blocks AAP are successful thanks to their uniform design with two possible constructions – alternating or grouped. With the alternating design of the control voltage distribution, both potentials are located on only one terminal block.

General ordering data

Version	Modular distribution terminals, PUSH IN, 1.5 mm², 250 V, 16 A, dark beige
Order No.	2675550000
Type	AAP13 1.5 LI-LI DL
GTIN (EAN)	4050118733563
Qty.	50 items

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Technical data

Approvals

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

Dimensions and weights

Depth	47 mm	Depth (inches)	1.8504 inch
Depth including DIN rail	48 mm	Height	96 mm
Height (inches)	3.7795 inch	Width	3.5 mm
Width (inches)	0.1378 inch	Net weight	9.54 g

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °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%

Material data

Basic material	Wemid	Colour	dark beige
Colour of operational elements	blue, red	UL 94 flammability rating	V-0

Rating data IECEx/ATEX

Certificate No. (ATEX)	TUEV17ATEX8030U	Certificate No. (IECEX)	IECEXTUR17.0015U
Max. voltage (ATEX)	220 V	Current (ATEX)	13 A
Wire cross section max. (ATEX)	1.5 mm²	Max. voltage (IECEX)	220 V
Current (IECEX)	13 A	Wire cross section max. (IECEX)	1.5 mm²
Marking EN 60079-7	Ex ec II C Gc	Ex 2014/34/EU label	II 2 G D

System specifications

End cover plate required	Yes	Number of potentials	2
Number of levels	1	Number of clamping points per level	6
Levels cross-connected internally	No	PE connection	No
Mounting rail	TS 35	PE function	No

Additional technical data

Explosion-tested version	Yes	Type of mounting	TS 35

Conductors for clamping (additional connection)

Connection type, additional connection	PUSH IN

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Technical data

Conductors for clamping (rated connection)

Wire connection cross section AWG, max.	AWG 14		
Connection direction	top		
Type of connection 2	PUSH IN		
Type of connection	PUSH IN		
Number of connections	6		
Clamping range, max.	1.5 mm²		
Clamping range, min.	0.14 mm²		
Wire connection cross section AWG, min.	AWG 26		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1 mm²		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.14 mm²		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	1.5 mm²		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.14 mm²		
Wire connection cross section, finely stranded, max.	1.5 mm²		
Wire connection cross section, finely stranded, min.	0.14 mm²		
Connection cross-section, stranded, max.	1.5 mm²		
Connection cross-section, stranded, min.	0.14 mm²		
Wire connection cross-section, solid core, max.	1.5 mm²		
Wire connection cross-section, solid core, min.	0.14 mm²		
Tube length for wire-end ferrule with plastic collar DIN 46228/4	Tube length	min.	6 mm
		max.	8 mm
	Cross-section for conductor connection	min.	0.14 mm²
		max.	0.75 mm²
Tube length for wire-end ferrule without plastic collar DIN 46228/1	Tube length	min.	5 mm
	Cross-section for conductor connection	nominal	0.25 mm²
	Tube length	nominal	6 mm
	Cross-section for conductor connection	min.	0.5 mm²
		max.	1 mm²
	Tube length	nominal	10 mm
	Cross-section for conductor connection	nominal	1.5 mm²

General

Wire connection cross section AWG, max.	AWG 14	Wire connection cross section AWG, min.	AWG 26
Standards	IEC 60947-7-1	Mounting rail	TS 35

Rating data

Rated cross-section	1.5 mm²	Rated voltage	250 V
Rated AC voltage	250 V	Rated DC voltage	250 V
Nominal current	16 A	Current at maximum wires	16 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	1.83 mΩ

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Technical data

Power loss in accordance with IEC 60947-7-x	0.56 W	Surge voltage category	III
Pollution severity	3		

UL rating data

Conductor size Factory wiring max. (cURus)	14 AWG	Voltage size B (cURus)	150 V
Voltage size D (cURus)	300 V	Certificate No. (cURus)	E60693
Conductor size Field wiring min. (cURus)	26 AWG	Conductor size Factory wiring min. (cURus)	26 AWG
Current size B (cURus)	13 A	Voltage size C (cURus)	150 V
Current size C (cURus)	13 A	Current size D (cURus)	5 A
Conductor size Field wiring max. (cURus)	14 AWG		

Classifications

ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 14.0	27-25-01-19
ECLASS 15.0	27-25-01-19		

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Drawings