

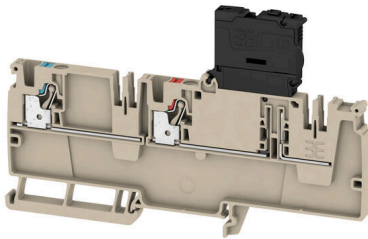
**AAP22 4 LI-FS 10-36V****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Product image**

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	Distribution terminal with fuse, PUSH IN, 4 mm <sup>2</sup> , 36 V, 6.3 A, dark beige
Order No.	<a href="#">2459010000</a>
Type	AAP22 4 LI-FS 10-36V
GTIN (EAN)	4050118475531
Qty.	50 items

## AAP22 4 LI-FS 10-36V

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

www.weidmueller.com

## Technical data

## Approvals

Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate No. (cURus)	E60693
Certificate No. (cURusEX)	E184763

## Dimensions and weights

Depth	82 mm	Depth (inches)	3.2283 inch
Depth including DIN rail	82.5 mm	Height	129 mm
Height (inches)	5.0787 inch	Width	6.1 mm
Width (inches)	0.2402 inch	Net weight	25.7 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	red, blue	UL 94 flammability rating	V-0

## Rating data IECEx/ATEX

Certificate No. (ATEX)	TUEV17ATEX8064U	Certificate No. (IECEX)	IECEXTUR17.0030U
Current (ATEX)	6.3 A	Wire cross section max. (ATEX)	4 mm <sup>2</sup>
Current (IECEX)	6.3 A	Wire cross section max. (IECEX)	4 mm <sup>2</sup>
Marking EN 60079-7	Ex ec II C Gc	Ex 2014/34/EU label	II 2 G D

## System specifications

Version	with LED	End cover plate required	Yes
Number of potentials	2	Number of levels	1
Levels cross-connected internally	Yes	Mounting rail	TS 35

## Additional technical data

With snap-in pegs	No	Open sides	right
Snap-on	No	Type of fixing	Snap-on
Installation advice	Rail	Type of mounting	TS 35

**AAP22 4 LI-FS 10-36V**

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

www.weidmueller.com

**Technical data**

**CSA rating data**

Wire cross section max. (CSA)	10 AWG	Certificate No. (CSA)	200039-70089609
Voltage size B (CSA)	300 V	Current size B (CSA)	10 A
Voltage size D (CSA)	300 V	Current size D (CSA)	10 A
Wire cross section min. (CSA)	26 AWG		

**Conductors for clamping (additional connection)**

Connection type, additional connection	PUSH IN
--	---------

**Conductors for clamping (rated connection)**

Gauge to IEC 60947-1	A4		
Wire connection cross section AWG, max.	AWG 12		
Connection direction	top		
Stripping length	12 mm		
Type of connection 2	PUSH IN		
Type of connection	PUSH IN		
Number of connections	2		
Clamping range, max.	4 mm <sup>2</sup>		
Clamping range, min.	0.14 mm <sup>2</sup>		
Blade size	0.6 x 3.5 mm		
Wire connection cross section AWG, min.	AWG 26		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	4 mm <sup>2</sup>		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.14 mm <sup>2</sup>		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	4 mm <sup>2</sup>		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.14 mm <sup>2</sup>		
Wire connection cross section, finely stranded, max.	4 mm <sup>2</sup>		
Wire connection cross section, finely stranded, min.	0.14 mm <sup>2</sup>		
Connection cross-section, stranded, max.	4 mm <sup>2</sup>		
Connection cross-section, stranded, min.	0.14 mm <sup>2</sup>		
Twin wire-end ferrules, max.	1.5 mm <sup>2</sup>		
Twin wire-end ferrules, min.	0.5 mm <sup>2</sup>		
Wire connection cross-section, solid core, max.	4 mm <sup>2</sup>		
Wire connection cross-section, solid core, min.	0.14 mm <sup>2</sup>		
Connection cross-section, finely stranded, min.	0.14 mm <sup>2</sup>		
Tube length for wire-end ferrule with plastic collar DIN 46228/4	Tube length	min.	6 mm
		max.	12 mm
	Cross-section for conductor connection	min.	0.5 mm <sup>2</sup>
		max.	1 mm <sup>2</sup>
	Tube length	min.	8 mm
		max.	12 mm
	Cross-section for conductor connection	min.	1.5 mm <sup>2</sup>

## AAP22 4 LI-FS 10-36V

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26  
D-32758 Detmold  
Germany

www.weidmueller.com

## Technical data

	Tube length	max.	2.5 mm <sup>2</sup>
		min.	10 mm
		max.	12 mm
Tube length for twin wire-end ferrule	Tube length	nominal	4 mm <sup>2</sup>
		min.	8 mm
		max.	12 mm
Tube length for wire-end ferrule without plastic collar DIN 46228/1	Cross-section for conductor connection	min.	0.5 mm <sup>2</sup>
		max.	1.5 mm <sup>2</sup>
		min.	6 mm
	Cross-section for conductor connection	max.	10 mm
		min.	0.5 mm <sup>2</sup>
		max.	1 mm <sup>2</sup>
	Tube length	min.	7 mm
		max.	12 mm
		min.	1.5 mm <sup>2</sup>
	Cross-section for conductor connection	max.	2.5 mm <sup>2</sup>
		min.	9 mm
		max.	15 mm
	Cross-section for conductor connection	nominal	4 mm <sup>2</sup>

### General

Wire connection cross section AWG, max.	AWG 12	Installation advice	Rail
Wire connection cross section AWG, min.	AWG 26	Standards	In accordance with IEC 60947-7-1, In accordance with IEC 60947-7-3
Mounting rail	TS 35		

### Rating data

Rated cross-section	4 mm <sup>2</sup>	Rated voltage	36 V
Rated voltage to adjoining terminal	500 V	Rated DC voltage	36 V
Nominal current	6.3 A	Current at maximum wires	6.3 A
Standards	In accordance with IEC 60947-7-1, In accordance with IEC 60947-7-3	Volume resistance according to IEC 60947-7-x	1 mΩ
Rated impulse withstand voltage	4 kV	Power loss in accordance with IEC 60947-7-x	1.02 W
Surge voltage category	III	Pollution severity	2

### UL rating data

Conductor size Factory wiring max. (cURus)	10 AWG	Voltage size B (cURus)	300 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)	10 A	Current size D (cURus)	10 A
Conductor size Field wiring max. (cURus) 10 AWG			

### Important note

Product information	The voltage depends on the selected fuse element or the selected indicator light
---------------------	--

### Classifications

ETIM 8.0	EC000899	ETIM 9.0	EC000899
ETIM 10.0	EC000899	ECLASS 14.0	27-25-01-13

**AAP22 4 LI-FS 10-36V**

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

[www.weidmueller.com](http://www.weidmueller.com)

**Technical data**

---

ECLASS 15.0

27-25-01-13

---

Drawings

