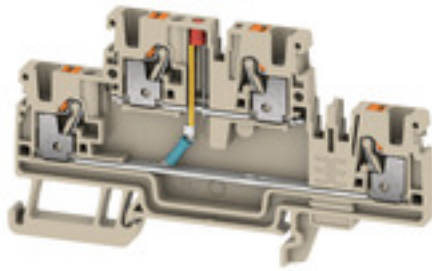


A2T 2.5 EM1 24VUC LED RD/1**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Why not integrating simple electrical functions into a feed through terminal. It has the same slim design of our feed-through terminal blocks - with additional functions such as cross-connections that can be used. Often, you only need a small component to integrate an external device into your automation technology. Our modular terminal blocks with electronic components make this possible; quickly, simply, and with a perfect fit.

General ordering data

Version	Component terminal block, PUSH IN, 2.5 mm ² , 24 V, 0.02 A, LED red, Resistance 4.7 kΩ, TS 35, dark beige
Order No.	2704410000
Type	A2T 2.5 EM1 24VUC LED RD/1
GTIN (EAN)	4064675056492
Qty.	50 pc(s).

A2T 2.5 EM1 24VUC LED RD/1**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data**Dimensions and weights**

Depth	50.5 mm	Depth (inches)	1.988 inch
Height	90 mm	Height (inches)	3.543 inch
Width	5.1 mm	Width (inches)	0.201 inch
Net weight	13.435 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	dark beige
Colour of operational elements	orange	UL 94 flammability rating	V-0

System specifications

End cover plate required	Yes	Number of levels	2
Number of clamping points per level	2	Rail	TS 35
N-function	No	PE function	No
PEN function	No		

Additional technical data

Explosion-tested version	No	Open sides	right
Type of mounting	Snap-on		

CSA rating data

Certificate No. (CSA)	200039-70089609	Current size B (CSA)	1 A
Current size C (CSA)	1 A	Current size D (CSA)	1 A
Voltage size B (CSA)	24 V	Voltage size C (CSA)	24 V
Voltage size D (CSA)	24 V	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	28 AWG		

Component

Component LED	Colour	red
	Voltage, min.	6 V
	Voltage, max.	24 V
	Current	20 mA
Component resistor	Resistance	4.7 kΩ
	Power loss	0.4 W
	Tolerance (%)	1 %

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm
Clamping range, max.	4 mm ²
Clamping range, min.	0.14 mm ²
Connection cross-section, stranded, max.	4 mm ²
Connection cross-section, stranded, min.	0.5 mm ²
Connection direction	top
Gauge to IEC 60947-1	A3

Creation date May 4, 2024 9:29:41 PM CEST

A2T 2.5 EM1 24VUC LED RD/1**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Number of connections	4		
Stripping length	10 mm		
Tube length for wire-end ferrule with plastic collar DIN 46228/4	Tube length	max.	8 mm
		min.	6 mm
	Cross-section for conductor connection	min.	0.14 mm ²
		max.	0.34 mm ²
	Tube length	max.	12 mm
		min.	6 mm
	Cross-section for conductor connection	min.	0.5 mm ²
		max.	1 mm ²
	Tube length	max.	12 mm
		min.	8 mm
	Cross-section for conductor connection	min.	1.5 mm ²
		max.	2.5 mm ²
Tube length for wire-end ferrule without plastic collar DIN 46228/1	Tube length	nominal	5 mm
	Cross-section for conductor connection	nominal	0.25 mm ²
	Tube length	max.	10 mm
		min.	6 mm
	Cross-section for conductor connection	min.	0.5 mm ²
		max.	1 mm ²
	Tube length	max.	12 mm
		min.	7 mm
	Cross-section for conductor connection	min.	1.5 mm ²
		max.	4 mm ²
Type of connection	PUSH IN		
Type of connection 2	PUSH IN		
Wire connection cross section, finely stranded, max.	4 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.	4 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.	2.5 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.	2.5 mm ²		
Wire connection cross-section, solid core, min.	0.5 mm ²		

General

Rail	TS 35	Standards	In accordance with IEC 60947-7-1
------	-------	-----------	----------------------------------

Rating data

Rated cross-section	2.5 mm ²	Rated voltage	24 V
Rated DC voltage	24 V	Rated current	0.02 A
Current at maximum wires	0.02 A	Standards	In accordance with IEC 60947-7-1
Pollution severity	3	Surge voltage category	III

Creation date May 4, 2024 9:29:41 PM CEST

A2T 2.5 EM1 24VUC LED RD/1**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data**UL rating data**

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	12 AWG
Conductor size Factory wiring min. (cURus)	28 AWG	Conductor size Field wiring max. (cURus)	12 AWG
Conductor size Field wiring min. (cURus)	28 AWG	Current size B (cURus)	1 A
Current size C (cURus)	1 A	Current size D (cURus)	1 A
Voltage size B (cURus)	24 V	Voltage size C (cURus)	24 V
Voltage size D (cURus)	24 V		

Classifications

ETIM 6.0	EC000903	ETIM 7.0	EC000903
ETIM 8.0	EC000903	ETIM 9.0	EC000903
ECLASS 9.0	27-14-11-27	ECLASS 9.1	27-14-11-47
ECLASS 10.0	27-14-11-27	ECLASS 11.0	27-14-11-27
ECLASS 12.0	27-14-11-27	ECLASS 13.0	27-25-01-14

Approvals

Approvals



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

Downloads

Approval/Certificate/Document of Conformity	CE Declaration of Conformity UKCA declaration of conformity Confirmation of Standards EN 45545-2_2020-10
Engineering Data	CAD data – STEP
User Documentation	User Manual AXC 1.5-16
Catalogues	Catalogues in PDF-format

A2T 2.5 EM1 24VUC LED RD/1

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Drawings

