

ACF 2,5-2 - 2,5 mm²

DOUBLE LEVEL TERMINAL BLOCK



The multilevel terminal block series, with cross section of 2,5 mm², has insulating frame in beige and blue colors made by polyamide with self-extinguish rate UL 94-V0; a mechanical steel clamping spring guarantee high contact pressure for the correct electrical contact and a long-lasting performance including vibration-resistance. Also available in diodes versions. Double slot for push-in cross connectors. Marking system in compliance with the most advanced market standards. Usable on DIN 60715 rails.

TECHNICAL DATA

Additional dimension and weight

Thickness	5 mm	Net weight	12 g
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Rated data in compliance with IEC 947-7-1 Standard

Cross section	2,5 mm ²	Rated impulse withstand voltage	6 kV
Current	24 A	Test impulse voltage	3,5 kV
Current at maximum wires	32 A	Pollution degree	3
Voltage	800 V	Comparative tracking index	CTI ≥ 600

Rated data in compliance with UL 1059 Standard

Cross section	28 ÷ 12 AWG	Voltage	600 V
Current	20 A	File n.	E137870

Rated data in compliance with CSA 22.2 Standard

Cross section	-	Voltage	-
Current	-	File n.	-

Conductors for clamping

Connection range, flexible wire	0,2 ÷ 2,5 mm ²	Stripping length	9 mm
Connection range, solid wire	0,5 ÷ 4 mm ²	Screwdriver blade size	3,5 x 0,6 mm
Connection mode	spring connection	Gauge (IEC 947-1)	A3

Working temperatures

Continuous operating temperature, min.	- 40 °C	Continuous operating temperature, max.	+ 110 °C
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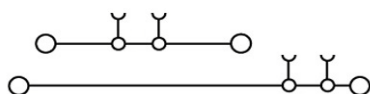
Additional features

Connection direction	top	Connecting points per level	4
End plate	yes	Number of levels	2
Partition plate	no	Connecting points per level	2
Mounting rails DIN 60715	PU 35, PU35/15	Internal fixed bridges	no

Insulating housing

Material type	PA 66	Available colours	beige, blue
UL 94 flammability rating	V0 halogen and phosphorus free		

Electrical drawing




Ordering data

Available colours:		CODE	STD. PACKAGE	PCS
		beige	ACF 2,5-2	50
		blue (Ex)i	ACF 2,5-2 B	50


ACCESSORIES


Ordering data CODE STD. PACKAGE PCS

	END PLATE		beige	DM 2,5-2	30
			blue	DM 2,5-2 B	30

	PUSH-IN CROSS CONNECTOR ¹⁾	2 poles	PEM 2,5/2	50
		3 poles	PEM 2,5/3	50
		4 poles	PEM 2,5/4	50
		5 poles	PEM 2,5/5	50
		10 poles	PEM 2,5/10	20

For cross connection of 2, 3, 4, 5 and 10 terminals.

	ONE POLE TEST PLUG Ø 2,3 mm	SP 2,3	-
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	MARKING SYSTEM	50	tags sheet	5x5 mm	white	TNP	10
		56	" "	10x5 mm	white	TNB	10
		56	" "	10x5 mm	yellow	TNG	10

Tags are available in neutral and marked versions: see their complete availability list on price list, in the "marking system" section.

1) Using PEM push-in cross connectors the rated voltage is reduced to 400 V. The connector could be cut off to the needed length too: in this case attention must be paid to alive ends.