

Modular fuse PCB terminal block; 2 solder pins/pole; pin spacing 5 mm / 0.197 in

Item No.: 742-111



Modular fuse PCB terminal block; 2 solder pins/pole; pin spacing 5 mm / 0.197 in

Marking

RoHS ✓
Compliant

Business data

Supplier	WAGO
Item no.	742-111
GTIN / EAN	4045454232139
Content	1
Order amount	300
Customer item number	

Notes

Modular terminal blocks with screwdriver-actuated CAGE CLAMP®Quick, easy replacement of mini-automotive blade-style fuses in the event of a fault
Test sockets on both sides of fuse for 2.0mm or 2.3mm Ø test plugs
Protection against direct contact is required for voltages above 42V
2- and 3-conductor terminal blocks for potential distribution independent of PCB

Technical data

Miscellaneous

No. of Poles	1
Pin Spacing	5 mm / 0.197 in %
Total number of connection points	1
Total number of potentials	1
Color	gray
Ratings according to 1	IEC/EN 60664-1

Technical data	
Overvoltage category EN 1	III
Pollution degree (1)	2
Rated voltage EN (1) [V]	320 [V]
Rated surge voltage (1) [kV]	4 [kV]
Nominal current [A]	15 [A]
Overvoltage category EN 2	II
Degree of pollution (2)	2
Rated voltage EN (2) [V]	630 [V]
Rated surge voltage (2) [kV]	4 [kV]
Nominal current (2) [A]	15 [A]
Overvoltage category EN 3	III
Degree of pollution (3)	3
Rated voltage EN (3) [V]	320 [V]
Rated surge voltage (3) [kV]	4 [kV]
Nominal current (3) [A]	15 [A]
Nominal current (individual arrangement) [A]	15 [A]
Nominal current (block arrangement) [A]	10 [A]
Number of individual connection objects at the product	1
Connection technology (1)	CAGE CLAMP®
Solid sizes 1	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Fine-stranded wires 1	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Fine-stranded wires with insulated ferrule 1	0.25 ... 1.5 mm ² / ...
Fine-stranded wires with uninsulated ferrule 1	0.25 ... 1.5 mm ² / ...
Strip length 1	8 ... 9 mm / 0.31 ... 0.35 in
Conductor entry angle to the PCB 1 [°]	60 [°]
Type of wiring	Front-entry wiring
Solder pin arrangement	2 in-line solder pins/pole
Solder pin length [mm]	4 [mm]
Tolerance of drilled hole [mm]	1.4(+ 0.05) [mm]
Material group	I
Insulating material	Polyamide 6.6 (PA 6.6)
Flammability rating per UL 94	V0
Limit temperature range	-60 C ... 105 C
Clamping spring material	Chrome-nickel spring steel (CrNi)

Technical data

Contact material	Electrolytic copper (Ecu)
Contact plating	tin-plated
Fire load [MJ]	0.064 [MJ]
Weight [g]	3.745 [g]
Width	5 mm / 0.197 in
Height	27.2 mm / 1.071 in
Height from the surface	23.2 mm / 0.913 in
Length	34.7 mm / 1.366 in

Approbation

Item No.	Registration	Registration no.	Voltage [V]	Current [A]	Cross section [mm², AWG]
742-111	CCA	2160584.22	500	15	0.08-2.50
742-111	CSA	154112-1711139	300	16	28-12
742-111	UL	E45172	300	10	28-12

Accessories

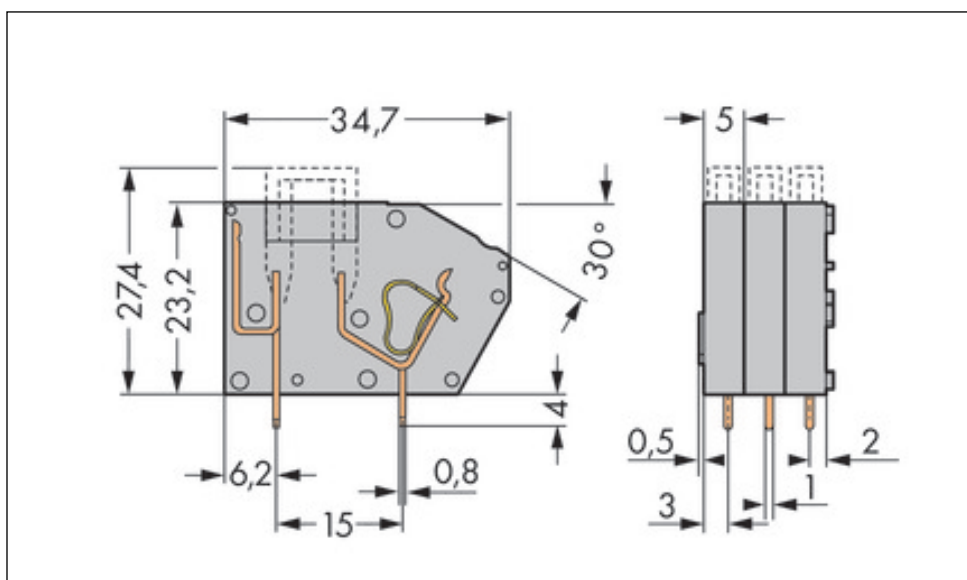
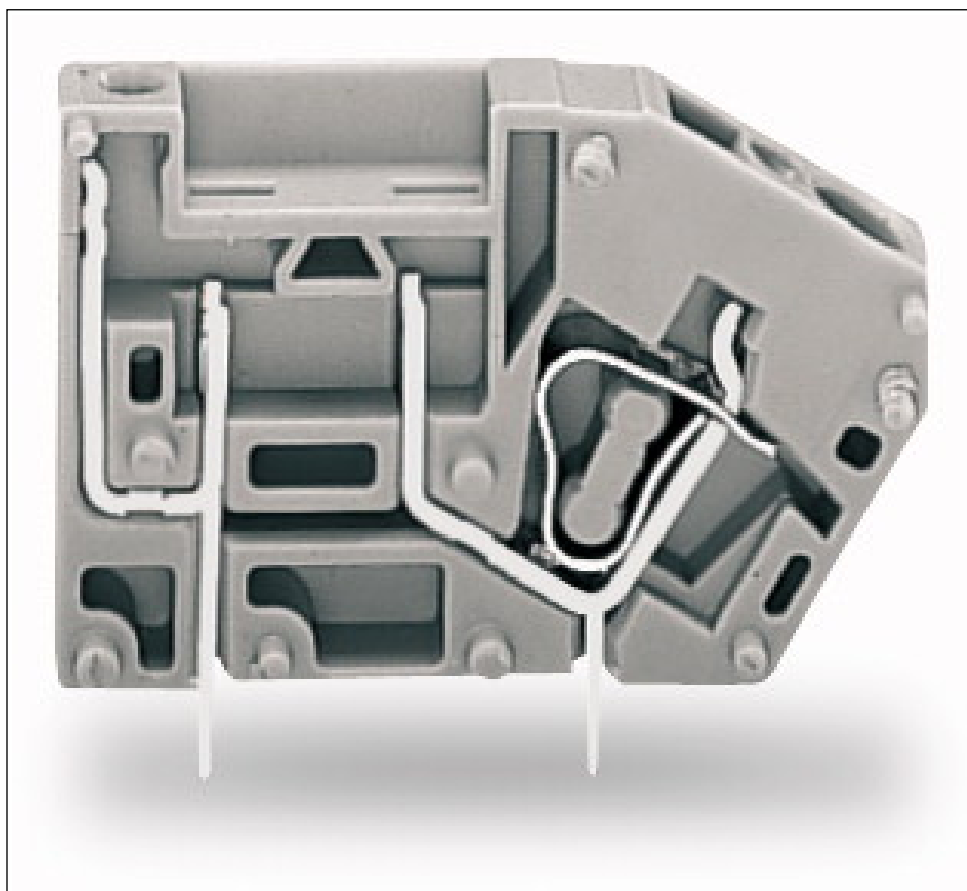
End plate

Item no.	Description	Pack. unit (Sub Pack)
742-100	End plate; snap-fit type; 1.5 mm thick	100

General accessory

Item no.	Description	Pack. unit (Sub Pack)
210-136	Test plug; 2 mm Ø; with 500 mm cable	1
210-137	Test plug; 2.3 mm Ø; with 500 mm cable	1
210-416	Stickers for operating instructions; for CAGE CLAMP®, universal	100
210-657	Operating tool with partially insulated shaft; blade (3.5 x 0.5) mm; short; suitable for 260, 261, 262, 264, 270, 280, 281, 869, 870 and 880 Series	1
210-720	Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm; suitable for 260, 261, 262, 264, 270, 280, 281, 290, 775, 776, 777, 769, 780, 781, 869, 870, 880, 2002, 2003, 2004, 2005 and 2022 Series	1

Images & drawings



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Technische Änderungen und Irrtümer vorbehalten.