



RM CC

Modular fuse holders
for industrial class CC fuses



your energy
our expertise



RM CC

Modular DIN rail mounted fuse holders
for UL Class CC fuses



RM CC
30 A

RM-UL_001.B



RM CC with LED
30 A

RM-UL_002.B

The solution for

- Distribution boards
- Motor and control circuits
- Transformer protection
- Measuring devices and multimeter protection

Conformity to standards

- UL 4248-4



Options available

- LED indication
- 1, 2 and 3 poles versions

Advantages



High performance

- Up to 30 A, 600 Vac, 200 kA RMS.
- UL 4248-4.



Safety

- IP20 finger safe / touch safe.
- Sealed by a wire, prevent unwanted opening.



Compact & dedicated footprint

- One of the smallest footprint on the market.
- Modular DIN 45 mm cut-out design.



Local stock

- Orders ship out within 1 business day from our local stock.



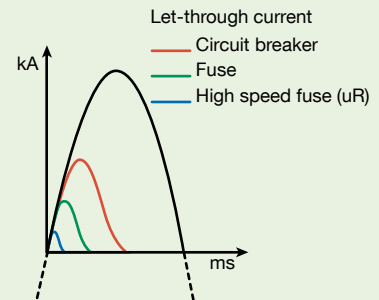
Complementary range

- RM class midjet 30 A - 10 x 38 mm and DIN rail offer.

Guaranteed performance

Greatly limiting the short-circuit current and minimizing its destructive effect on the equipment

No device can compete with the exceptional speed of the fuse with regard to limitation of short-circuit and thermal stress. Several milliseconds are sufficient to completely eliminate a strong short-circuit current (up to 200 kA).

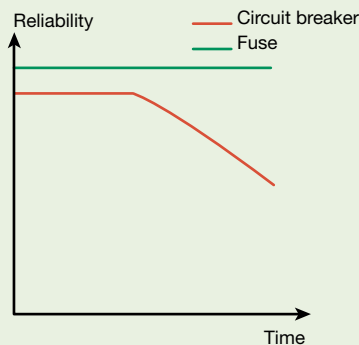


Why choose the fuse for electrical protection?

Total reliability

Fuses are totally sealed products, which guarantee long-term protection without any maintenance.

Circuit-breakers are complex devices including lots of moving parts. Their mechanism is affected by dust, humidity...



Maximum safety

Protecting the user and the electrical system while avoiding any outward sign when managing a failure.

The energy released during a short-circuit is contained in the sealed fuse cartridge, there is no release of ionized gases, thus no effect on surrounding equipment in comparison to what happens when circuit-breakers open on short-circuit.



Video proof

See what happens to a circuit breaker in the event of failure

bit.ly/profuse_arc

profuse
INTERNATIONAL



QR CODE 138 A

Technical data

Characteristics according to UL 4248-4

Rated operational current (A)	30 A	
Fuse type	CC	
Fuse size (mm)	10 x 38	
Rated operating voltage (V)	600	
Dielectric strength (V)	2200	
LED working voltage ⁽¹⁾	120 ... 600 VAC / 12 ... 24 VDC	
Rated power dissipation (W/P)	3	
Protection degree	IP20	
Class CC fuse protected short-circuit withstand		
Prospective short-circuit current (kA rms.)	200	
Connection		
1 wire	Minimum Cu cable cross-section solid / stranded	0.75 mm ² / 18 AWG
	Maximum Cu cable cross-section solid / stranded	16 mm ² / 8 AWG
2 wires	Minimum Cu cable cross-section solid / stranded	0.75 mm ² / 18 AWG
	Maximum Cu cable cross-section solid	10 mm ² / 8 AWG
	Maximum Cu cable cross-section stranded	6 mm ² / 10 AWG
Wire strip (mm / in)	10 / 0.39	
Maximum tightening torque	2.5 Nm / 22 lb.in	
Fixing	DIN rail 35 mm DIN 46277/1-3 (EN50022)	
Mechanical characteristics		
Weight of 1 P (kg / lb)	0.057 / 0.126	
Weight of 2 P (kg / lb)	0.114 / 0.251	
Weight of 3 P (kg / lb)	0.170 / 0.375	

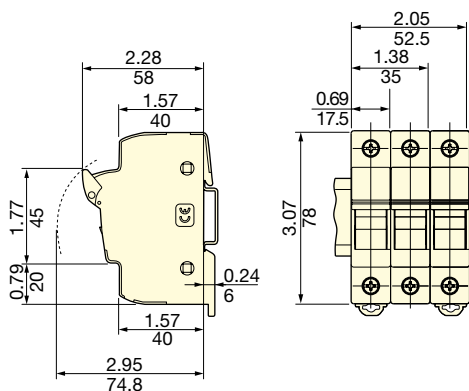
(1) For fuse holders with LED indicator.

Selection guide

Basic device Fuse size No of poles	30 A class CC		LED 30 A class CC	
	To be ordered in multiples of	Reference	To be ordered in multiples of	Reference
1 P	12	5705 0001	12	5705 0011
2 P	6	5705 0002	6	5705 0012
3 P	4	5705 0003	4	5705 0013

Fuse references available upon request.

Dimensions of the RM CC, 30A (mm / in)



A complete range of fuse holders and mounting rails to meet your need

RM class midget fuses



RM_060_A_1_CAT

- Up to 30 A
- 1 to 4 poles
- LED indication
- UL 4248-1

Thermal current I_n	30 A
Fuse type	Midget
Fuse size (mm)	10 x 38
Rated operating voltage (V)	690
LED working voltage ⁽¹⁾	120 ... 600 VAC / 12 ... 24 VDC
Fuse rating (A)	
at 400 VAC	30
at 500 VAC	30
at 690 VAC	-
Fuse protected short-circuit withstand	
Prospective short-circuit current (kA rms.) ⁽¹⁾	100

(1) For a rated operational voltage $U_0 = 400$ VAC.

Selection guide

Basic device	30 A	
	10 x 38	
Fuse size (mm)	To be ordered in multiples of	Reference
No of poles		
1 P	12	5701 0015
1 P + N (1 module)	12	5601 5005
1 P + N (2 modules)	6	5701 0017
1 P LED signalling	12	5701 0011
2 P	6	5701 0020
3 P	4	5701 0018
3 P + N	3	5701 0019
N	12	5701 0016

Mounting rails

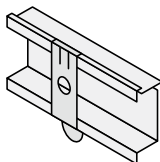


ELCHA_040_A_1_CAT

W x H x e (mm)	Perforations (mm)	Perforation centres (mm)	Material	Profiles length (m)	To be ordered in multiples of	Reference
35 x 7.5 x 1	6.3 x 18	25	Steel z-b ⁽¹⁾	2	30 m	5000 0042
35 x 15 x 1.5	6.3 x 18	25	Steel z-b ⁽¹⁾	2	30 m	5000 0043

(1) White zinc-coated.

Fixomega



ELCHA_019_B

Type	Insert M	To be ordered in multiples of	Reference
Fixomega ⁽¹⁾	M4	100	5000 0041
Fixomega ⁽¹⁾	M5	100	5000 0051

(1) Clip-on nut for symmetrical profiles.

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