

# M9F53215

Miniature circuit breaker (MCB), Multi9  
C60BPR, 2P, 15A, D curve, 10kA (UL489),  
10kA (IEC/EN 60947-2)



## Main

Range	Multi9
Product name	Multi9 C60
Product or component type	Miniature circuit-breaker
Device short name	C60BPR
Device application	Distribution
Poles description	2P
Number of protected poles	2
[In] rated current	15 A at 25 °C conforming to EN/IEC 60947-2
Network type	DC AC
Trip unit technology	Thermal-magnetic
Curve code	D
Breaking capacity	6 KA Icu at 440 V AC conforming to EN/IEC 60947-2 10 KA Icu at 415 V AC conforming to EN/IEC 60947-2 20 KA Icu at 240 V AC conforming to EN/IEC 60947-2 6 KA Icu at 440 V AC conforming to GB 14048.2 10 KA Icu at 415 V AC conforming to GB 14048.2 20 KA Icu at 240 V AC conforming to GB 14048.2 14 KA AIR at 240 V AC conforming to UL 489 10 KA AIR at 125 V DC conforming to UL 489 10 KA AIR at 480Y/277 V AC conforming to UL 489 14 KA AIR at 240 V AC conforming to CSA C22.2 No 5 10 KA AIR at 480Y/277 V AC conforming to CSA C22.2 No 5 10 KA AIR at 125 V DC conforming to CSA C22.2 No 5
Suitability for isolation	Yes conforming to EN/IEC 60947-2
Standards	EN/IEC 60947-2 GB 14048.2 UL 489 CSA C22.2 No 5
Product certifications	IEC CCC CSA UL

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## Complementary

[Ue] rated operational voltage	240 V AC 50/60 Hz 415 V AC 50/60 Hz 440 V AC 50/60 Hz
Magnetic tripping limit	12 x I <sub>n</sub> +/- 20 % AC 17 x I <sub>n</sub> +/- 20 % DC
[Ics] rated service breaking capacity	4.5 KA 75 % conforming to GB 14048.2 - 240 V AC 7.5 KA 75 % conforming to GB 14048.2 15 KA 75 % conforming to GB 14048.2 4.5 KA 75 % conforming to EN/IEC 60947-2 - 125 V DC 7.5 KA 75 % conforming to EN/IEC 60947-2 - 440 V AC 15 KA 75 % conforming to EN/IEC 60947-2 - 415 V AC
[Ui] rated insulation voltage	500 V AC conforming to EN/IEC 60947-2
[Uimp] rated impulse withstand voltage	6 kV conforming to EN/IEC 60947-2
Contact position indicator	Yes
Control type	Toggle
Local signalling	ON/OFF indication
Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	4
Height	127 mm
Width	36 mm
Depth	72 mm
Colour	Grey
Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Provision for padlocking	Padlockable
Connections - terminals	Ring terminal (top or bottom)
Tightening torque	2 N.m top or bottom
Earth-leakage protection	Without

## Environment


IP degree of protection	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
Pollution degree	3 conforming to EN/IEC 60947-2
Tropicalisation	2 conforming to IEC 60068-1
Relative humidity	95 % at 55 °C
Operating altitude	0...2000 m
Ambient air temperature for operation	-30...70 °C
Ambient air temperature for storage	-40...80 °C

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.500 cm
Package 1 Width	3.600 cm
Package 1 Length	12.700 cm
Package 1 Weight	284.900 g
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Height	8.000 cm
Package 2 Width	22.000 cm
Package 2 Length	13.200 cm
Package 2 Weight	1.846 kg
Unit Type of Package 3	S03
Number of Units in Package 3	48
Package 3 Height	30.000 cm

Package 3 Width	30.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	15.278 kg

### Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant  <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 <a href="#">Yes</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Halogen content performance	Halogen free product

### Contractual warranty

Warranty	18 Monate
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