

Miniature circuit breaker (MCB), Multi9 C60SP, 2P, 6A, C curve, 10kA (UL1077), 10kA (IEC/EN 60947-2)

M9F22206

## Main

- Indiri		
Range	Multi9	
Product name	Multi9 C60	
Product or component type	Miniature circuit-breaker	
Device short name	C60SP	
Device application	Distribution	
Poles description	2P	
Number of protected poles	2	
[In] rated current	6 A at 25 °C conforming to EN/IEC 60947-2	
Network type	DC AC	
Trip unit technology	Thermal-magnetic	
Curve code	С	
Breaking capacity	14 kA AIR at 240 V AC conforming to UL 1077 14 kA AIR at 240 V AC conforming to CSA C22.2 No 235 10 kA AIR at 480Y/277 V AC conforming to UL 1077 10 kA AIR at 125 V DC conforming to UL 1077 10 kA AIR at 480Y/277 V AC conforming to CSA C22.2 No 235 10 kA AIR at 125 V DC conforming to CSA C22.2 No 235 10 kA AIR at 125 V DC conforming to EN/IEC 60947-2 10 kA Icu at 440 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	
Standards	EN/IEC 60947-2 GB 14048.2 UL 1077 CSA C22.2 No 235	
Product certifications	IEC CCC UR CSA	
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	8.5 x In +/- 20 % AC

[lcs] rated service breaking capacity	4.5 kA 75 % conforming to EN/IEC 60947-2 - 440 V AC 7.5 kA 75 % conforming to EN/IEC 60947-2 - 415 V AC 15 kA 75 % conforming to EN/IEC 60947-2 - 240 V AC 4.5 kA 75 % conforming to GB 14048.2 - 440 V AC 7.5 kA 75 % conforming to GB 14048.2 - 415 V AC 15 kA 75 % conforming to GB 14048.2 - 240 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	
Suitability for isolation	Yes 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	81 mm	
Width	36 mm	
Depth	72 mm	
Colour	Grey	
Mechanical durability	20000 cycles	
Electrical durability	10000 cycles	
Provision for padlocking	Padlockable	
Connections - terminals	Tunnel type terminal (top or bottom)125 mm² (AWG 18AWG 8) - rigid Tunnel type terminal (top or bottom)116 mm² (AWG 18AWG 8) - flexible with ferrule Tunnel type terminal (top or bottom)116 mm² (AWG 18AWG 8) - flexible	
Wire stripping length	14 mm for top or bottom connection	
Tightening torque	2.5 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	02000 m
Ambient air temperature for operation	-3070 °C
Ambient air temperature for storage	-4080 °C

# **Packing Units**

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.600 cm
Package 1 Width	7.500 cm

Package 1 Length	8.500 cm
Package 1 Weight	226.000 g
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Height	7.700 cm
Package 2 Width	9.000 cm
Package 2 Length	22.500 cm
Package 2 Weight	1.395 kg
Unit Type of Package 3	S03
Number of Units in Package 3	72
Package 3 Height	30.000 cm
Package 3 Width	30.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	17.206 kg



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

### Environmental Data explained >

How we assess product sustainability >

☑ Environmental footprint	
Total lifecycle Carbon footprint	15
Environmental Disclosure	Product Environmental Profile

### **Use Better**

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant
SCIP Number	40a4e715-7fff-45ff-88bf-38212f6a80a5
REACh Regulation	REACh Declaration
California proposition 65	WARNING: This product can expose you to chemicals including: DIDP, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

### **Use Again**

○ Repack and remanufacture	
End of life manual availability	No need of specific recycling operations
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins