

# Catalogue No: 1492-SPM2C100

## MCB UL1077 10kA 2P 10A C CURVE

Power Distribution and Protection > Circuit Breakers > Miniature Circuit Breakers and Earth Leakage Protection (RCDs and RCBOs) > Allen-Bradley Miniature Circuit Breakers (Bulletin 1492-SPM, 1489-M) > Bulletin 1492-SPM Circuit Breakers > C Curve (5-10x In)



Representative Photo Only  
(actual product may vary based on configuration selections)

### MCB UL1077 10K 2P 10A C CURVE

- UL 1077, for supplementary protection
- Current limiting type MCB with B, C, and D-trip curves
- 0.5 - 63A current ratings
- 40°C calibration temperature (UL / CSA) eliminates the need to derate for 508A industrial control panel installations

#### SPECIFICATIONS

Component Type Power Distribution & Protection	MCB
Trip Curve	C
In, Rated Current at 30°C	10 A @30°C
In, Rated Current at 40°C	10 A @40°C
Poles	2P
Rated Frequency	50 / 60 Hz
Un, Nominal Operational Voltage, AC	400 V AC
Un, Nominal Operational Voltage, DC	96 V DC
Impulse Withstand Test Voltage	4 kV
Dielectric Strength	2kV (50/60Hz 1 min)
Electrical Service Life at Un, In	20000 cycles
Mechanical Service Life	20000 cycles
IP Rating, Inside	IP40
IP Rating, Outside	IP20
Flammability Rating (UL94)	UL 94 V-2
Wire / Conductor Size, Rigid Cable, Top, Max	35 mm <sup>2</sup> Top
Wire / Conductor Size, Flex Cable, Top, Max	25 mm <sup>2</sup> Top
Wire / Conductor Size, Rigid Cable, Bottom, Max	35 mm <sup>2</sup> Bottom
Wire / Conductor Size, Flex Cable, Bottom, Max	25 mm <sup>2</sup> Bottom
Tightening Torque, Top, Nominal	2.8 Nm
Tightening Torque, Bottom, Nominal	2.8 Nm
Mounting	DIN-35 Rail Mount
Add-On Devices (side add-on)	Auxiliary Contacts Shunt Trip
Padlockable	Yes
Icu, Rated Ultimate Short-Circuit Breaking Capacity, 400/415V AC	15 kA @400/415VAC
Ics, Rated Service Short-Circuit Breaking Capacity, AC (IEC 60947)	75 % Icu

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Height	75 mm
Width	88 mm
Depth	35 mm
Weight	0.23 kg
Operating Temperature, Min	-25 °C min
Operating Temperature, Max	55 °C max
Storage Temperature, Min	-40 °C min
Storage Temperature, Max	70 °C max
Relative humidity, min	90 %RH
Relative Humidity, Max	96 %RH
Humidity Type	Non-condensing
Shock Acceleration (Max.)	25 g
Shock Duration (Max.)	13 ms
Shock Rating	IEC 60068-2-27
Vibration Acceleration (Max.)	5 m/s <sup>2</sup>
Vibration Frequency, Operational (Max.)	150 Hz
Vibration Rating	IEC 60068-2-6
Standards Compliance	UL 1077 EN 60947-2 GB 14048-2
Certifications	UL CSA CE CCC VDE RoHS

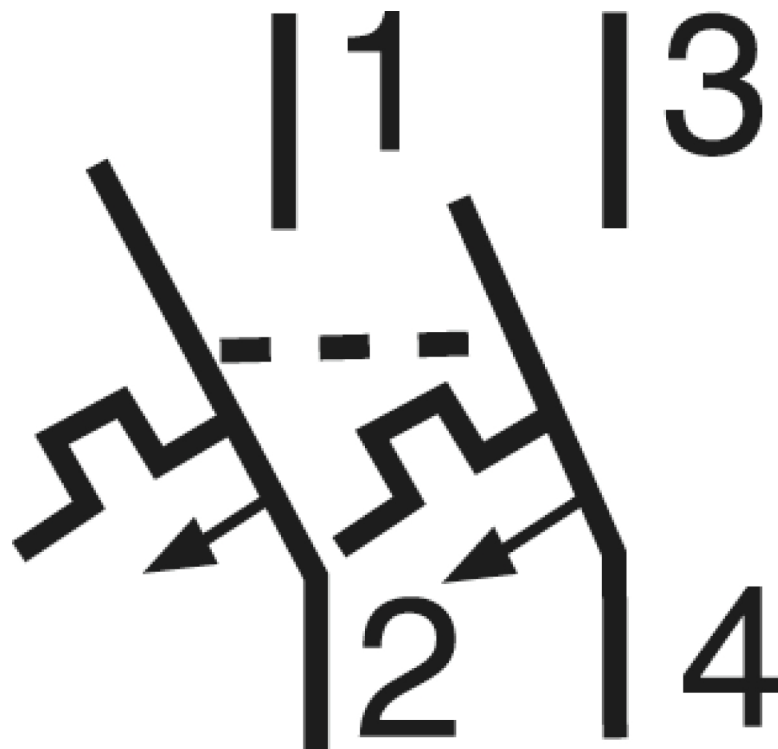
### REFERENCES

IECEX Certificate	-
Supplier Declaration of Conformity:	-
Installation Guide:	-
User Manual:	-
Manufacturer Datasheet:	-
Manufacturer Catalogue & Product Selection:	-

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Connection / Wiring Diagram