

Catalogue No: 1489-M1C100

MCB UL489 10kA 1P 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 1489-M Circuit Breakers > C Curve (5-10x In)



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

MCB UL489 10KA 1P 10A C CURVE

- UL 489, for branch circuit protection
- Current limiting type MCB with C and D-trip curves
- 0.5 - 63A current ratings

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	1P
Rated Frequency	50 / 60 Hz
Un, Nominal Operational Voltage, AC	230 V AC
Un, Nominal Operational Voltage, DC	48 V DC
Impulse Withstand Test Voltage	4 kV
Dielectric Strength	2kV (50/60Hz, 1min) V AC
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 ² Top
Wire / Conductor Size, Flex Cable, Top, Max	25 mm ² Top
Wire / Conductor Size, Rigid Cable, Bottom, Max	35 mm ² Bottom
Wire / Conductor Size, Flex Cable, Bottom, Max	25 mm ² 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
Accessories	Yes
Icu, Rated Ultimate Short-Circuit Breaking Capacity, 220/240V AC	15 kA @220/240VAC

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Ics, Rated Service Short-Circuit Breaking Capacity, AC (IEC 60947)	75 % Icu
Icu, Rated Ultimate Short-Circuit Breaking Capacity, <=60V DC	15 kA
Height	111 mm
Width	17.5 mm
Depth	74 mm
Weight	0.125 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
Shock Acceleration (Max.)	25 g
Shock Duration (Max.)	13 ms
Shock Rating	IEC 60068-2-27
Vibration Acceleration (Max.)	5 m/s ²
Vibration Displacement (Peak to Peak Max.)	20 mm
Vibration Frequency, Operational (Max.)	150 Hz
Vibration Rating	IEC 60068-2-6
Standards Compliance	UL 489 CSA C22.2 No. 5.1 EN 60947-2 GB 14048-2
Certifications	CCC CSA CE RoHS VDE UL

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

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Connection / Wiring Diagram