

# 1489M1D010

Allen-Bradley Miniature Circuit Breaker UL489 10kA 1Pole 1A D Curve



**Allen-Bradley**

by ROCKWELL AUTOMATION  
MINIATURE CIRCUIT BREAKERS



<b>Component type</b>	Miniature circuit breaker (MCB)
<b>Range</b>	Miniature Circuit Breaker
<b>Model</b>	N/A
<b>Product status</b>	Existing

The Allen Bradley range of miniature circuit breakers provide reliable and efficient protection for your electrical systems and their compact design assists with easy installation. Offering a broad portfolio of pole variants and current ratings, Allen Bradley circuit breakers can match the appropriate level of protection required for your application while contributing to operational efficiency.

## ELECTRICAL

Rated current	1.0 A
Number of poles (total)	1.0
Trip curve	D
Rated voltage	240.0 V
Frequency	50 - 60 Hz
Voltage type	AC/DC
Rated short-circuit breaking capacity $I_{cn}$ according to AS/NZS 60898 at 400 VAC	15.0 kA
Rated short-circuit breaking capacity $I_{cu}$ according to AS/NZS 60947-2 at 230 VAC	15.0 kA
Max. rated operation voltage $U_e$	253.0 V
Rated impulse withstand voltage $U_{imp}$	4.0 kV

## CONSTRUCTION

Number of protected poles	1.0
Degree of protection (IP)	IP40

## MECHANICAL

Connectable conductor cross section solid-core	1 - 35 mm <sup>2</sup>
Connectable conductor cross section multi-wired	1 - 25 mm <sup>2</sup>

## DIMENSIONS

Height	111.0 mm
Width	17.5 mm
Width in number of modular spacings	1.0
Depth	74.0 mm
Weight	0.13 kg

## ENVIRONMENT

Pollution degree	3.0
Rated surrounding temperature without derating	30.0 °C
Ambient temperature during operating	-25 - 55 °C