

# 1492SPM1B250N

Allen-Bradley Miniature Circuit Breaker UL1077 10kA 1Pole plus Neutral 25A B Curve



|                |                                 |
|----------------|---------------------------------|
| Component type | Miniature circuit breaker (MCB) |
| Range          | Miniature Circuit Breaker       |
| Model          | N/A                             |
| Product status | 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 10kA range from 0.5A through to 63A in B, C and D Curve. Allen Bradley circuit breakers can match the appropriate level of protection required for your application while contributing to operational efficiency.

## ELECTRICAL

|  |          |
|--|----------|
| Rated current  | 25 A     |
| Number of poles (total)  | 2        |
| Trip curve   | B        |
| Rated voltage  | 240 V    |
| Frequency  | 50-60 Hz |
| Voltage type   | AC/DC    |
| Service voltage Ub, AC   | 12 V     |
| Service voltage Ub, DC   | 12 V     |
| Nominal operating voltage Un, DC   | 48 V     |
| Rated short-circuit breaking capacity Icu according to AS/NZS 60947-2 at 230 VAC | 15 kA    |
| Max. rated operation voltage Ue  | 440 V    |
| Rated impulse withstand voltage Uimp   | 4 kV     |
| Concurrently switching neutral conductor   | Yes      |

## CONSTRUCTION

|                           |      |
|---------------------------|------|
| Number of protected poles | 1    |
| 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                              | 80 mm   |
| Width                               | 35 mm   |
| Depth                               | 67 mm   |
| Width in number of modular spacings | 2       |
| Weight                              | 0.23 kg |

## ENVIRONMENT

|                  |   |
|------------------|---|
| Pollution degree | 3 |
|------------------|---|

# 1492SPM1B250N

Allen-Bradley Miniature Circuit Breaker UL1077 10kA 1Pole plus Neutral 25A B Curve



## ENVIRONMENT

|  |             |
|--|-------------|
| Rated surrounding temperature without derating | 30 °C       |
| Ambient temperature during operating           | -25...55 °C |