



AD189

RCBO Electronic 1M 1P 10kA C-25A 30mA AC Class

Technical characteristics

Architecture

Number of poles	1 P
Type of pole	1 P
Curve	C

Functions

Concurrently switching N-neutral	No
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Configuration

Number of modules	1
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Main electrical features

Rated short circuit breaking capacity I_{cn} AC according IEC60898-1	10 kA
Rated operational voltage U_e	230 V
Frequency	50 Hz

Voltage

Rated insulation voltage	2000 V
Rated impulse withstand voltage	6000 V

Electric current

Rated residual operating current	30 mA
Rated current	25 A
Breaking and opening capacity	6 kA
min/maxi threshold value of the AC thermal operation	1.13 / 1.45 I_n
Rated short circuit breaking capacity I_{cn} under 230V AC according IEC60898-1	10 kA

Current correction factors

Correction factor of rating current for 2 devices placed side-by-side	1
Correction factor of rating current for 3 devices placed side-by-side	0.95
Correction factor of rating current for 4 and 5 devices placed side-by-side	0.9
Correction factor of rating current for 6 devices placed side-by-side	0.85

Dimensions

Depth of installed product	70 mm
Height of installed product	115 mm

Width of installed product	17.8 mm
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Endurance

Electric endurance in number of cycles	2000
Number of mechanical operations	2000

Standards

European directive WEEE	not concerned
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Safety

Residual current type	AC
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Use conditions

Class of energy limitation I ² t	3
Altitude	2000 m