



RCBO electronic 1P 6kA C-40A 30mA type AC

Technical characteristics

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Number of protected poles 1 Number of poles 1 P Curve C Functions Concurrently switching N-neutral No Configuration Main electrical features Rated short circuit breaking capacity Icn AC according IEC60898-1 6 kA Rated operational voltage Ue 230 / 240 V Frequency 50/60 Hz Voltage Rated insulation voltage 253 V Max operating voltage 253 V Rated residual operating current 30 mA Rated current 4000 V Electric current 30 mA Rated current 40 A Breaking and opening capacity 6 kA min/maxi threshold value of the AC thermal operating according its company in the AC thermal operation current 5 / 10 in Rated short circuit breaking capacity Icn under 230V AC according its C6098-1 6 kA Electric current / temperature 5 / 10 in Rating current -25°C 50.25 A Rating current -15°C 49.23 A Rating current -5°C </th <th></th> <th></th>		
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Rating current 0°C 46.15 A	Rating current -10°C	48.2 A
	Rating current -5°C	47.18 A
Rating current 5°C 45.13 A	Rating current 0°C	46.15 A
	Rating current 5°C	45.13 A

Rating current 10°C	44.1 A
Rating current 15°C	43.08 A
Rating current 20°C	42.05 A
Rating current 25°C	41.03 A
Rating current 30°C	40 A
Rating current 35°C	39.1 A
Rating current 40°C	38.2 A
Rating current 45°C	37.3 A
Rating current 50°C	36.4 A
Rating current 55°C	35.5 A
Rating current 60°C	34.6 A
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	17.5 mm
Frequency	
Frequency Frequency	50 to 60 Hz
rrequeity	30 to 00 112
Power	
Total power loss under IN	12.96 W
Power loss per pole at In	6.72 W
Tripping	
mpping .	
Protected against nuisance tripping	No
	No
Protected against nuisance tripping	
Protected against nuisance tripping Endurance	2000
Protected against nuisance tripping Endurance Electric endurance in number of cycles	2000
Protected against nuisance tripping Endurance Electric endurance in number of cycles Number of mechanical operations	2000
Protected against nuisance tripping Endurance Electric endurance in number of cycles Number of mechanical operations Connection Connection cross-section at output with	2000 1000 1 / 16 mm ²
Protected against nuisance tripping Endurance Electric endurance in number of cycles Number of mechanical operations Connection Connection cross-section at output with screw, for flexible conductor Connection cross-section at output with	2000 1000 1 / 16 mm ² 1 / 25 mm ²
Protected against nuisance tripping Endurance Electric endurance in number of cycles Number of mechanical operations Connection Connection cross-section at output with screw, for flexible conductor Connection cross-section at output with screw, for massive conductor Connection cross-section for rigid	2000 1000 1 / 16 mm ² 1 / 25 mm ²
Protected against nuisance tripping Endurance Electric endurance in number of cycles Number of mechanical operations Connection Connection cross-section at output with screw, for flexible conductor Connection cross-section at output with screw, for massive conductor Connection cross-section for rigid conductor, upstream terminals with screws Connection cross-section of the access with	2000 1000 1 / 16 mm ² 1 / 25 mm ² 1 / 16 mm ²

Safety	
Protection index IP	IP20
Residual current type	AC
Use conditions	
Class of energy limitation I ² t	3
Altitude	2000 m