



Over current switch, 6A, 1pole+N, type C characteristic

Part no. **CLS6-C6/1N-DE**
 Article no. **247644**

Similar to illustration

Design verification as per IEC/EN 61439

Technical data for design verification				
Rated operational current for specified heat dissipation	I_n	A		6
Heat dissipation per pole, current-dependent	P_{vid}	W		0
Equipment heat dissipation, current-dependent	P_{vid}	W		1.6
Static heat dissipation, non-current-dependent	P_{vs}	W		0
Heat dissipation capacity	P_{diss}	W		0
Operating ambient temperature min.		°C		-25
Operating ambient temperature max.		°C		55
linear, per +1 °C, results in a 0.5% reduction of current carrying capacity				

Technical data ETIM 6.0

Circuit breakers and fuses (EG000020) / Miniature circuit breaker (MCB) (EC000042)				
Electric engineering, automation, process control engineering / Electrical installation, device / Miniature circuit breaker system (MCB) / Miniature circuit breaker (MCB) (ecl@ss8.1-27-14-19-01 [AAB905011])				
Release characteristic				C
Number of poles (total)				2
Number of protected poles				2
Nominal rated current		A		6
Nominal rated voltage		V		230
Rated short-circuit breaking capacity I_{cn} EN 60898 at 230 V		kA		6
Rated short-circuit breaking capacity I_{cn} EN 60898 at 400 V		kA		6
Rated short-circuit breaking capacity I_{cu} IEC 60947-2 at 230 V		kA		0
Rated short-circuit breaking capacity I_{cu} IEC 60947-2 at 400 V		kA		0
Voltage type				AC
Current limiting class				3
Frequency		Hz		50 - 60
Concurrently switching N-neutral				Yes
Suitable for flush-mounted installation				No
Over voltage category				3
Pollution degree				2
Width in number of modular spacings				2
Built-in depth		mm		70.5
Additional equipment possible				Yes
Degree of protection (IP)				IP20