DATASHEET - MMCM-C6/1



Miniature circuit breaker (MCB), 6 A, 1p, characteristic: C

Part no. mMCM-C6/1 Catalog No. 138876



Delivery program

Basic function			Miniature circuit-breakers
Number of poles			1 pole
Tripping characteristic			С
Application			Switchgear for residential and commercial applications
Rated current	In	Α	6
Rated switching capacity according to IEC/EN 60898-1	I _{cn}	kA	10
Product range			mMCM

Technical data

Electrical

Rated switching capacity according to IEC/EN 60898-1	I _{cn}	kA	10
Rated insulation voltage	Ui	V	440
Rated impulse withstand voltage	U _{imp}	kV	4
lifespan			,O'
Electrical	Operations	.0	≧ 10000
Mechanical	Operations	120	≧ 20000

References

Auxiliary switch for subsequent installation	10,	ZP-IHK 286052
Tripping signal contact for subsequent installation	K.	ZP-NHK 248437
Remote control and automatic switching device	*O/2	Z-FW/LP 248296
Switching interlock		Z-IS/SPE-1TE 274418

Mechanical

Standard front dimension	mm	45
Device height	mm	80
Mounting		Quick attachment with 3 latch positions for top-hat rail IEC/EN 60715
Degree of Protection		IP20
Terminals top and bottom		Open mouthed/lift terminals
Terminal protection		BGV A3, ÖVE-EN 6
Thickness of busbar material	mm	0.8 - 2

Design verification as per IEC/EN 61439

Technical data for design verification			
Rated operational current for specified heat dissipation	In	Α	6
Heat dissipation per pole, current-dependent	P_{vid}	W	0
Equipment heat dissipation, current-dependent	P_{vid}	W	1.5
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	75
			linear, per +1 °C, results in a 0.5% reduction of current carrying capacity
IEC/EN 61439 design verification			
10.2 Strength of materials and parts			
10.2.2 Corrosion resistance			Meets the product standard's requirements.

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Technical data ETIM 5.0

Electric engineering, automation, process control engineering / Electrical installation, device / Miniature circuit breaker system (MCB) / Miniature circuit breaker (MCB) (ecl@ss8-27-14-19-01 [AAB905010])

Release characteristic	10,		С
Number of poles (total)	1		1
Rated current	7	Α	6
Rated voltage		V	230
Rated short-circuit breaking capacity EN 60898		kA	10
Rated short-circuit breaking capacity IEC 60947-2		kA	0
/oltage type			AC
Current limiting class			3
requency		Hz	50
Concurrently switching N-neutral			No
over voltage category			3
Pollution degree			2
Vidth in number of modular spacings			1
Built-in depth		mm	70.5
Additional equipment possible			Yes
Degree of protection (IP)			IP20