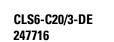
DATASHEET - CLS6-C20/3-DE

Part no. Catalog No.



Miniature circuit breaker (MCB), 20 A, 3p, characteristic: C





Similar to illustration

echnical data for design verification			
Rated operational current for specified heat dissipation	I _n	А	20
Heat dissipation per pole, current-dependent	P _{vid}	w	0
Equipment heat dissipation, current-dependent	P _{vid}	W	9.8
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
EC/EN 61439 design verification			0
10.2 Strength of materials and parts			il ^s
10.2.2 Corrosion resistance			Meets the product standard's requirements.
10.2.3.1 Verification of thermal stability of enclosures			Meets the product standard's requirements.
10.2.3.2 Verification of resistance of insulating materials to normal heat			Meets the product standard's requirements.
10.2.3.3 Verification of resistance of insulating materials to abnormal he and fire due to internal electric effects	at		Meets the product standard's requirements.
10.2.4 Resistance to ultra-violet (UV) radiation			Meets the product standard's requirements.
10.2.5 Lifting		2'	Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 Mechanical impact	4	0	Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 Inscriptions	OUTIN		Meets the product standard's requirements.
10.3 Degree of protection of ASSEMBLIES	N.		Does not apply, since the entire switchgear needs to be evaluated.
10.4 Clearances and creepage distances	<u> </u>		Meets the product standard's requirements.
10.5 Protection against electric shock			Does not apply, since the entire switchgear needs to be evaluated.
10.6 Incorporation of switching devices and components			Does not apply, since the entire switchgear needs to be evaluated.
10.7 Internal electrical circuits and connections			Is the panel builder's responsibility.
10.8 Connections for external conductors			Is the panel builder's responsibility.
10.9 Insulation properties			
10.9.2 Power-frequency electric strength			Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage			Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material			Is the panel builder's responsibility.
10.10 Temperature rise			The panel builder is responsible for the temperature rise calculation. Eaton wil provide heat dissipation data for the devices.
10.11 Short-circuit rating			Is the panel builder's responsibility. The specifications for the switchgear must observed.
10.12 Electromagnetic compatibility			Is the panel builder's responsibility. The specifications for the switchgear must observed.
10.13 Mechanical function			The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

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)			3		
Number of protected poles			3		
Nominal rated current		А	20		
Nominal rated voltage		V	400		

kA	6	
kA	6	
kA		
Hz		0
mm	70.5	
	Yes	
	IP20	4,
ut Innov	ation	strading the
	kA kA kA Hz	kA 6 kA 0 mm 70.5 mm 1020