MOTOR PROTECTION CIRCUIT BREAKER, IEC BREAKING CAPACITY ICU 100KA AT 400V, 6.3...10A



Product designation			11SM1B
Product type designation			Motor protective circuit breaker
Electrical features			
Number of poles		nr.	3
Magnetic protection			Yes
Thermal protection			Yes
Phase failure detection			Yes
Rated insulation voltage Ui		V	690
Rated impulse withstand voltage Uimp		kV	6
Rated frequency		Hz	50/60
Thermal trip adjustment range			6,310
Rated current (In)		Α	10
Magnetic tripping		,,	12 x ln
Operational short-circuit current breaking capacity (Ics) at AC			12 %
operational errors errors around streaming expansity (1887) at 7 to	230V	kA	100
	400V	kA	100
	500V	kA	21
	690V	kA	8
Maximum short-circuit current breaking capacity (Icu) at AC	0001	10 (
maximum orion orionic orionic broaking capacity (roa) at 710	230V	kA	100
	400V	kA	100
	500V	kA	42
	690V	kA	8
Operations	0307	10.1	
Mechanical life		Cycles	100,000
Electrical life		Cycles	100,000
Mechanical feautures		Cyclod	100,000
Tightening torque for terminals			
Tighterming terque for terminate	min	Nm	2
	max	Nm	2
	min	lbft	20
	max	lbft	20
max number of wires simultaneously connectable	IIIax	nr.	2
Conductor section		111.	
AWG			
AWG	min		16
			10
Flovible w/o lug conductor coetion	max		10
Flexible w/o lug conductor section	min	mm²	1
	min	mm²	1
Elevible of white conductor coefficial	max	mm²	6
Flexible c/w lug conductor section	min	mm²	1
	min	mm²	1
Elevible with insulated anode lug conductor costica	max	mm²	6
Flexible with insulated spade lug conductor section			



MOTOR PROTECTION CIRCUIT BREAKER, IEC BREAKING CAPACITY ICU 100KA AT 400V,

		min	mm²	1
		max	mm²	6
Screwdriver				PH2
Power terminal prot	tection according to IEC/EN 60529			IP20
Cable stripping leng	pht			
		main circuit	mm	1
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-20
		max	°C	60
	Storage temperature			
		min	°C	-50
		max	°C	80
	Compensation temperature			
		min	°C	-20
		max	°C	50
Max altitude			m	3,000
Operating position				
		normal		Su piano verticale
		allowable		Qualsiasi
Mounting				A vite / profilato omega 35mm
Weight			g	352
UL technical data				
UL508 / UL60947-4	-1 Manual Motor Controller - Short circuit current			
Dimensions				
Certifications and co	ompliance			
Certifications				
	CSA C22.2 n.14			
	IEC/EN 60947-1			
	IEC/EN 60947-2			
	IEC/EN 60947-4-1			
	UL508			
Compliance	02000			
Compilation	CCC			
	cULus			
	EAC			
ETIM 6 classificatio				
L I IIVI O CIASSIFICATIO	······································			