

General characteristics

Switching diagram	07 - ON/OFF switch 3 poles
N° of elements	2
Mounting form	U - Front mounting with black handle

Contact characteristics

Rated insulation voltage U_i	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage U_{imp}		kV	8
Conventional free air thermal current I_{th}	IEC/EN	A	315
	UL/CSA	A	255
Rated operational voltage		V	690
Rated operational impulse voltage		kV	6
Maximum fuse size for short-circuit protection I_n (gG)	10kA	A	315
	15kA	A	315
Rated short time current I_{cw}	1s	kA	5200
Operational current I_e IEC/EN AC1/AC21A		A	315
Rated operational power in AC Three-phase AC-3	220/230V	kW	37
	380/440V	kW	55
	500/690V	kW	69
	110V	kW	11
	220/230V	kW	22
	380/440V	kW	30
Rated operational current in DC DC21A	48V	A	200
	60V	A	200
	110V	A	35
	220V	A	2.5
	440V	A	0.9
Power dissipation		W	64.5

Mechanical features

Terminals screw				M10
Tightening torque for terminals max				Nm 10
Conductor size				
AWG - Rigid cable				
	Max	AWG	1XMCM350	
AWG - Flexible cable				
	Max	AWG	1XMCM350	
Conductor size (IEC) - Flexible cable				
	Max	mm²	1X185	
Conductor size (IEC) - Rigid cable				

		Max	mm ²	1X185
Mechanical life			cycles	2X10 ⁵
UL technical data				
Motor power for direct-on-line control				
	for three-phase motor			
		120V	HP	30
		240V	HP	50
		480V	HP	100
		600V	HP	75
	for single-phase motor			
		120V	HP	15
		240V	HP	30
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protection				
Frontal IP degree				IP40
Terminals IP degree				IP00
ETIM classification				
ETIM 8.0				EC001029 - Selector switch, complete