

General characteristics

Switching diagram	83 - Multi-step 1-2-3-4 1 pole
N° of elements	2
Mounting form	L - Metal enclosure 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
	Single-phase AC-3		
	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 mm ² 1X185
Conductor size (IEC) - Rigid cable	

Mechanical life	Max	mm ²	1X185
		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			IP54
Terminals IP degree			IP00
Certifications and compliance			
Compliance	IEC/EN/BS 60947-1		
	IEC/EN/BS 60947-3		
	IEC/EN/BS 60947-5-1		
ETIM classification			
ETIM 8.0			EC001029 - Selector switch, complete