

General characteristics

Switching diagram	107 - Multi-step 0-1-2 1 pole
N° of elements	1
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	6
Conventional free air thermal current I_{th}	IEC/EN	A	25
	UL/CSA	A	30
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection I_n (gG)	10kA	A	25
	15kA	A	25
	25kA	A	25
Rated short time current I_{cw}	1s	kA	400
Conductivity			10/5 mA/V
Operational current I_e IEC/EN	AC1/AC21A		
		A	25
	AC15	110V	A 16
		220/230V	A 12
		380/400V	A 8
		660/690V	A 2
	Three-phase AC-3	220/230V	kW 5.5
		380/440V	kW 7.5
		500/690V	kW 7.5
	Single-phase AC-3	110V	kW 1.5
		220/230V	kW 3
		380/440V	kW 5.5
Rated operational power in AC	Three-phase AC23A	220/230V	kW 6.5
		380/440V	kW 11
		500/690V	kW 11
	Single-phase AC23A	110V	kW 1.5
		220/230V	kW 3.7
		380/440V	kW 5.5
Rated operational current in DC	DC21A	48V	A 25
		60V	A 25

		110V	A	4
		220V	A	0.7
DC23A (poles in series)				
		24V	A	25 (1)
		48V	A	25 (2)
		60V	A	25 (3)
		110V	A	12 (3)
		220V	A	10 (4)
DC13				
		24V	A	25
		48V	A	20
		60V	A	16
		110V	A	1.5
		220V	A	0.4
Power dissipation			W	1.1
Mechanical features				
Terminals screw				M3.5
Tightening torque for terminals max			Nm	0.8
Conductor size				
AWG - Rigid cable				
		min	AWG	20
		Max	AWG	10
AWG - Flexible cable				
		min	AWG	20
		Max	AWG	12
Conductor size (IEC) - Flexible cable				
		min	mm ²	0.5
		Max	mm ²	4
Conductor size (IEC) - Rigid cable				
		min	mm ²	0.5
		Max	mm ²	4
Mechanical life			cycles	5x10 ⁶
UL technical data				
Motor power for direct-on-line control				
for three-phase motor				
		120V	HP	3
		240V	HP	5
		480V	HP	10
		600V	HP	15
for single-phase motor				
		120V	HP	1.5
		240V	HP	3
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