

General characteristics

Switching diagram	94 - Multi-step 1-2-3-4 3 poles
N° of elements	6
Mounting form	U - Front mounting with black handle

Contact characteristics

Rated insulation voltage U_i	IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage U_{imp}		kV	6
Conventional free air thermal current I_{th}	IEC/EN UL/CSA	A A	125 130
Rated operational voltage		V	690
Rated operational impulse voltage		kV	6
Maximum fuse size for short-circuit protection I_n (gG)	10kA 15kA 25kA 50kA 63kA	A A A A A	125 100 100 100 100
Rated short time current I_{cw}	1s	kA	2100
Conductivity			10/5 mA/V
Operational current I_e IEC/EN AC1/AC21A		A	125
AC15	110V 220/230V 380/400V 660/690V	A A A A	40 28 15 5
Rated operational power in AC Three-phase AC-3	220/230V 380/440V 500/690V	kW kW kW	18.5 37 33
Single-phase AC-3	110V 220/230V 380/440V	kW kW kW	5 11 15
Three-phase AC23A	220/230V 380/440V 500/690V	kW kW kW	30 45 37
Single-phase AC23A	110V 220/230V 380/440V	kW kW kW	5 11 15
Rated operational current in DC DC21A			

		48V	A	125
		60V	A	80
		110V	A	10
		220V	A	1.2
DC23A (poles in series)				
		24V	A	125 (1)
		48V	A	125 (2)
		60V	A	125 (3)
		110V	A	50 (3)
		220V	A	20 (4)
DC13				
		24V	A	125
		48V	A	100
		60V	A	50
		110V	A	4
Power dissipation			W	6.3
Mechanical features				
Terminals screw				M2X5
Tightening torque for terminals max			Nm	2
Conductor size				
AWG - Rigid cable				
		min	AWG	14
		Max	AWG	1/0
AWG - Flexible cable				
		min	AWG	14
		Max	AWG	1/0
Conductor size (IEC) - Flexible cable				
		min	mm ²	2.5
		Max	mm ²	50
Conductor size (IEC) - Rigid cable				
		min	mm ²	2.5
		Max	mm ²	50
Mechanical life			cycles	1X10 ⁶
UL technical data				
Motor power for direct-on-line control				
for three-phase motor				
		120V	HP	15
		240V	HP	25
		480V	HP	50
		600V	HP	40
for single-phase motor				
		120V	HP	5
		240V	HP	15
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