

### General characteristics

Switching diagram	93 - Multi-step 1-2-3 3 poles
N° of elements	5
Mounting form	U - Front mounting with black handle

### Contact characteristics

Rated insulation voltage $U_i$	IEC/EN	V	480	
	UL/CSA	V	240	
Rated impulse withstand voltage $U_{imp}$		kV	4	
Conventional free air thermal current $I_{th}$	IEC/EN	A	10	
	UL/CSA	A	10	
Rated operational voltage		V	480	
Rated operational impulse voltage		kV	4	
Maximum fuse size for short-circuit protection $I_n$ (gG)	10kA	A	16	
Rated short time current $I_{cw}$	1s	kA	250	
Conductivity			10/5 mA/V	
Operational current $I_e$ IEC/EN	AC1/AC21A		A	10
	AC15	110V	A	5
		220/230V	A	3
		380/400V	A	2
	Rated operational power in AC	Three-phase AC-3	220/230V	kW
380/440V			kW	2.2
Single-phase AC-3		110V	kW	0.3
		220/230V	kW	0.55
		380/440V	kW	0.75
Three-phase AC23A		220/230V	kW	1.8
	380/440V	kW	3	
Single-phase AC23A	110V	kW	0.7	
	220/230V	kW	0.75	
	380/440V	kW	1.1	
Rated operational current in DC	DC21A	48V	A	10
		60V	A	7
		110V	A	2
		220V	A	0.7
		440V	A	0.2
	DC13	24V	A	3

		48V	A	3
		60V	A	2
		110V	A	1
		220V	A	0.3
		440V	A	0.1
Power dissipation			W	0.4
<b>Mechanical features</b>				
Terminals screw				2.5M
Tightening torque for terminals max			Nm	0.4
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	14
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable			
		min	mm <sup>2</sup>	0.5
		Max	mm <sup>2</sup>	1.5
	Conductor size (IEC) - Rigid cable			
		min	mm <sup>2</sup>	0.5
		Max	mm <sup>2</sup>	1.5
Mechanical life			cycles	1x10 <sup>6</sup>
<b>UL technical data</b>				
Motor power for direct-on-line control				
	for three-phase motor			
		240V	HP	2
	for single-phase motor			
		240V	HP	0.75
<b>Ambient conditions</b>				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
<b>Resistance &amp; Protection</b>				
Frontal IP degree				IP40
Terminals IP degree				IP20
<b>ETIM classification</b>				
ETIM 8.0				EC001029 - Selector switch, complete