

General characteristics

Switching diagram	11 - 3-phase motor reversing switch
N° of elements	3
Mounting form	O98 - Rear mounting with red/yellow handle padlockable in 0, door coupling and protection covers

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	16
	UL/CSA	A	15
Rated operational voltage			
		V	480
Rated operational impulse voltage			
		kV	4
Maximum fuse size for short-circuit protection I_n (gG)			
	10kA	A	16
	15kA	A	10
	25kA	A	10
Rated short time current I_{cw}			
	1s	kA	200
Conductivity			
			10/5 mA/V
Operational current I_e IEC/EN			
AC1/AC21A			
		A	16
AC15			
	110V	A	10
	220/230V	A	8
	380/400V	A	4
	660/690V	A	1.5
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	2.5
	380/440V	kW	4
	500/690V	kW	5.5
Single-phase AC-3			
	110V	kW	0.8
	220/230V	kW	1.5
	380/440V	kW	2.2
Three-phase AC23A			
	220/230V	kW	3
	380/440V	kW	5.5
	500/690V	kW	7.5
Single-phase AC23A			
	110V	kW	0.8
	220/230V	kW	1.7
	380/440V	kW	3

Rated operational current in DC

DC21A

48V	A	12
60V	A	12
110V	A	4
220V	A	0.6
440V	A	0.25

DC23A (poles in series)

24V	A	10 (1)
48V	A	10 (2)
60V	A	10 (3)
110V	A	5 (3)
220V	A	5 (4)

DC13

24V	A	12
48V	A	10
60V	A	8
110V	A	1
220V	A	0.4
440V	A	0.15

Power dissipation

W 0.8

Mechanical features

Terminals screw

M3

Tightening torque for terminals max

Nm 0.5

Conductor size

AWG - Rigid cable

min	AWG	20
Max	AWG	12

AWG - Flexible cable

min	AWG	20
Max	AWG	14

Conductor size (IEC) - Flexible cable

min	mm ²	0.5
Max	mm ²	2.5

Conductor size (IEC) - Rigid cable

min	mm ²	0.5
Max	mm ²	2.5

Mechanical life

cycles 3x10⁶

UL technical data

Motor power for direct-on-line control

for three-phase motor

120V	HP	1.5
240V	HP	3

for single-phase motor

120V	HP	0.5
240V	HP	1

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