

General characteristics

Switching diagram	25 - 1-phase motor reversing switch with spring return
N° of elements	2
Mounting form	O88 - 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
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Conventional free air thermal current I_{th}

IEC/EN	A	40
UL/CSA	A	40

Rated operational voltage

V	440
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Rated operational impulse voltage

kV	4
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Maximum fuse size for short-circuit protection I_n (gG)

10kA	A	40
15kA	A	35
25kA	A	35

Rated short time current I_{cw}

1s	kA	1000
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Conductivity

10/5 mA/V

Operational current I_e IEC/EN

AC1/AC21A

A	40
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AC15

110V	A	25
220/230V	A	22
380/400V	A	12
660/690V	A	2

Rated operational power in AC

Three-phase AC-3

220/230V	kW	7.5
380/440V	kW	15
500/690V	kW	15

Single-phase AC-3

110V	kW	2.2
220/230V	kW	4.4
380/440V	kW	7

Three-phase AC23A

220/230V	kW	9
380/440V	kW	18.5
500/690V	kW	15

Single-phase AC23A

110V	kW	3
220/230V	kW	5.2

		380/440V	kW	7.5
Rated operational current in DC				
DC21A				
		48V	A	40
		60V	A	40
		110V	A	6
		220V	A	0.8
		440V	A	0.25
DC23A (poles in series)				
		24V	A	40 (1)
		48V	A	40 (1)
		60V	A	40 (3)
		110V	A	40 (3)
		220V	A	12 (4)
DC13				
		24V	A	40
		48V	A	32
		60V	A	16
		110V	A	3
		220V	A	0.5
		440V	A	0.15
Power dissipation			W	1.6
Mechanical features				
Terminals screw				M4
Tightening torque for terminals max			Nm	1.2
Conductor size				
AWG - Rigid cable				
		min	AWG	16
		Max	AWG	8
AWG - Flexible cable				
		min	AWG	16
		Max	AWG	10
Conductor size (IEC) - Flexible cable				
		min	mm ²	1.5
		Max	mm ²	6
Conductor size (IEC) - Rigid cable				
		min	mm ²	1.5
		Max	mm ²	10
Mechanical life			cycles	1X10 ⁶
UL technical data				
Motor power for direct-on-line control				
for three-phase motor				
		120V	HP	5
		240V	HP	10
		480V	HP	15
		600V	HP	15
for single-phase motor				
		120V	HP	2
		240V	HP	5
Ambient conditions				
Temperature				
Operating temperature				
		min	°C	-25
		max	°C	+55

Storage temperature

min	°C	-40
max	°C	+70

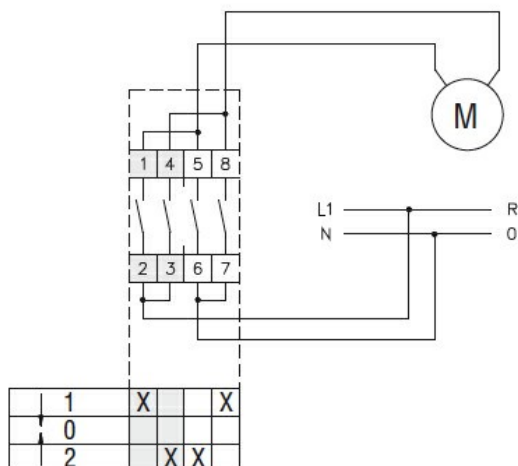
Resistance & Protection

Frontal IP degree IP65

Terminals IP degree IP20

Dimensions

Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 14

IEC/EN/BS 60947-1

IEC/EN/BS 60947-3

IEC/EN/BS 60947-5-1

IEC/EN/BS 61058-1

UL60947-4-1

Certificates

cULus

EAC

ETIM classification

ETIM 8.0

EC001029 -
Selector switch,
complete