

General characteristics

Switching diagram	83 - Multi-step 1-2-3-4 1 pole
N° of elements	2
Mounting form	O - Rear mounting with black handle

Contact characteristics

Rated insulation voltage Ui	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	8
Conventional free air thermal current Ith	IEC/EN	A	200
	UL/CSA	A	200
Rated operational voltage		V	690
Rated operational impulse voltage		kV	6
Maximum fuse size for short-circuit protection In (gG)	10kA	A	200
	15kA	A	200
Rated short time current Icw	1s	kA	3300
Operational current Ie IEC/EN			
AC1/AC21A		A	200
Rated operational power in AC	220/230V	kW	27.5
	380/440V	kW	47
Rated operational current in DC	48V	A	200
	60V	A	200
DC21A	110V	A	35
	220V	A	2.5
	440V	A	0.9
Power dissipation		W	26

Mechanical features

Terminals screw	M10
Tightening torque for terminals max	Nm 10
Conductor size	
AWG - Rigid cable	Max AWG 1X3
AWG - Flexible cable	Max AWG 0
Conductor size (IEC) - Flexible cable	Max mm² 1X95
Conductor size (IEC) - Rigid cable	Max mm² 1X95
Mechanical life	cycles 2X10 ⁵

UL technical data

Motor power for direct-on-line control
for three-phase motor

120V	HP	30
240V	HP	50
480V	HP	100
600V	HP	75

for single-phase motor

120V	HP	15
240V	HP	30

Ambient conditions

Temperature

Operating temperature

min	°C	-25
max	°C	+55

Storage temperature

min	°C	-40
max	°C	+70

Resistance & Protection

Frontal IP degree

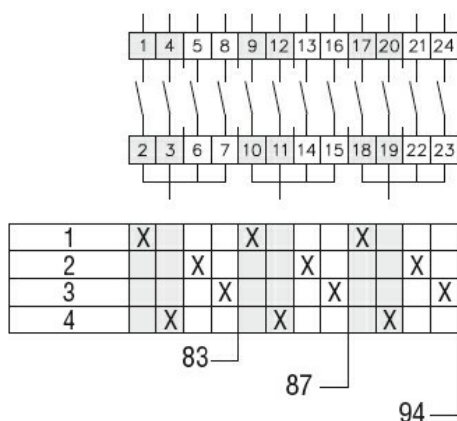
IP40

Terminals IP degree

IP00

Dimensions

Wiring diagrams



Certifications and compliance

Compliance

IEC/EN/BS 60947-1
IEC/EN/BS 60947-3
IEC/EN/BS 60947-5-1
UL60947-4-1

Certificates

UR

ETIM classification

ETIM 8.0

EC001029 -
Selector switch,
complete