

General characteristics

Switching diagram	56 - Changeover switch without 0 3 poles
N° of elements	3
Mounting form	U47 - Snap on front mounting with black handle for hole diam. 22mm fixing

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	1.5
	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

Mechanical features

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 ²	0.5
Max	mm ²	1.5

Conductor size (IEC) - Rigid cable

min	mm ²	0.5
Max	mm ²	1.5

Mechanical life cycles 1x10⁶

UL technical data

Motor power for direct-on-line control

for three-phase motor

240V	HP	2
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for single-phase motor

240V	HP	0.75
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Ambient conditions

Temperature

Operating temperature

min	°C	-25
max	°C	+55

Storage temperature

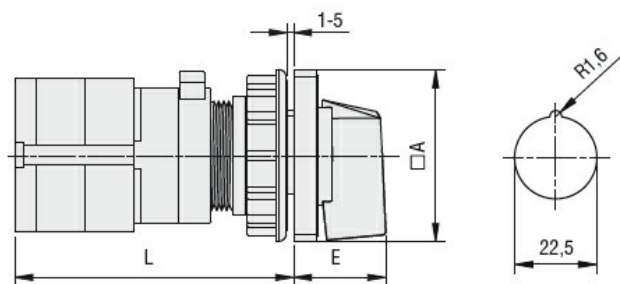
min	°C	-40
max	°C	+70

Resistance & Protection

Frontal IP degree IP40

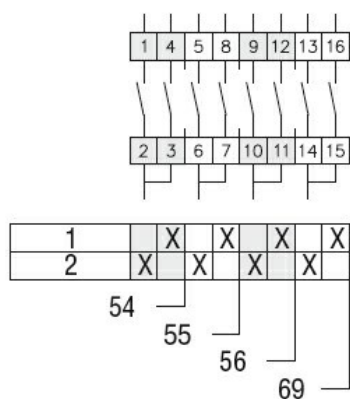
Terminals IP degree IP20

Dimensions



Series	Dimensions		L			
	□A	E	1	2	3...8	
GF10	30	18.5	60	72	84	144
GF20	48	26.5	56	69.5	83	150.5

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

UL60947-4-1

Certificates

cULys

EAC

ETIM classification

ETIM 8.0

EC001029 -
Selector switch,
complete