

General characteristics

Switching diagram	54 - Changeover switch without 0 1 pole
N° of elements	1
Mounting form	U11 - Front mounting with black handle without front plate for hole diam. 22mm fixing

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	12		
Rated operational voltage		V	440		
Rated operational impulse voltage		kV	4		
Maximum fuse size for short-circuit protection I_n (gG)	10kA	A	16		
	15kA	A	16		
	25kA	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	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	3.5
			380/440V	kW	4.5
			500/690V	kW	5.5
Single-phase AC-3		110V	kW	0.55	
		220/230V	kW	1.5	
		380/440V	kW	2.2	
Three-phase AC23A		220/230V	kW	3.7	
		380/440V	kW	6.5	
		500/690V	kW	7.5	
Single-phase AC23A		110V	kW	0.75	
		220/230V	kW	1.8	
		380/440V	kW	3	
Rated operational current in DC					

DC21A

48V	A	16
60V	A	16
110V	A	4
220V	A	0.6
440V	A	0.25

DC23A (poles in series)

24V	A	16 (1)
48V	A	16 (2)
60V	A	16 (3)
110V	A	10 (3)
220V	A	7 (4)

DC13

24V	A	16
48V	A	14
60V	A	10
110V	A	1
220V	A	0.4
440V	A	0.15

Power dissipation	W	0.6
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Mechanical features

Terminals screw	3M
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Tightening torque for terminals max	Nm	0.5
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Conductor size

AWG - Rigid cable

min	AWG	20
Max	AWG	12

AWG - Flexible cable

min	AWG	20
Max	AWG	12

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	1X10 ⁶
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UL technical data

Motor power for direct-on-line control

for three-phase motor

120V	HP	1.5
240V	HP	3
480V	HP	5
600V	HP	5

for single-phase motor

120V	HP	0.75
240V	HP	1

Ambient conditions

Temperature

Operating temperature

min	°C	-25
max	°C	+55

Storage temperature

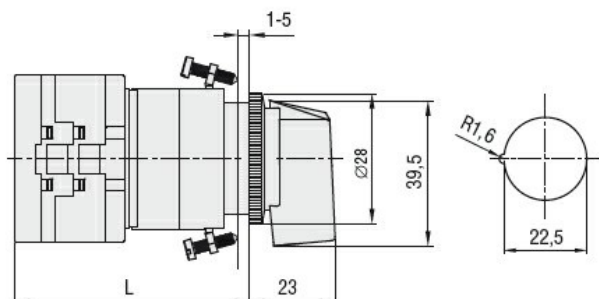
min	°C	-40
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max °C +70

Resistance & Protection

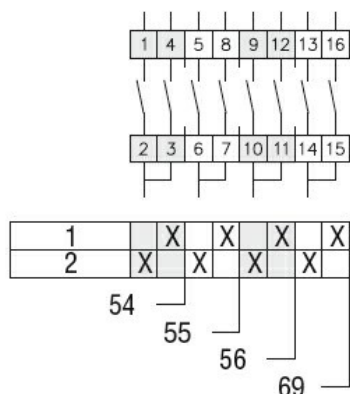
Frontal IP degree	IP65
Terminals IP degree	IP20

Dimensions



Series	L			
	1	2	3....8	
GX16	54	62.5	71	147.5
GX20	54	62.5	71	147.5

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

IEC/EN/BS 61058-1

UL60947-4-1

Certificates

cULus

EAC

ETIM classification

ETIM 8.0

EC001029 -
Selector switch,
complete