

General characteristics

Switching diagram	56 - Changeover switch without 0 3 poles
N° of elements	3
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		
			10/5 mA/V		
Conductivity					
Operational current I_e IEC/EN	AC1/AC21A		A	16	
		AC15			
		110V	A	10	
		220/230V	A	8	
		380/400V	A	4	
Rated operational power in AC	Three-phase AC-3		660/690V	A	1.5
		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

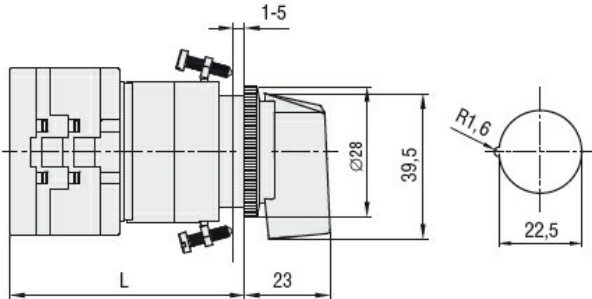
DC21A				
	48V	A	16	
	60V	A	16	
	110V	A	4	
	220V	A	0.6	
	440V	A	0.25	
DC23A (poles in series)				
	24V	A	16 (1)	
	48V	A	16 (2)	
	60V	A	16 (3)	
	110V	A	10 (3)	
	220V	A	7 (4)	
DC13				
	24V	A	16	
	48V	A	14	
	60V	A	10	
	110V	A	1	
	220V	A	0.4	
	440V	A	0.15	
Power dissipation		W	0.6	
Mechanical features				
Terminals screw				3M
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	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	
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	

max °C +70

Resistance & Protection

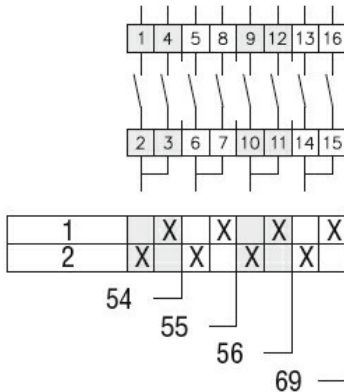
Frontal IP degree	IP65
Terminals IP degree	IP20

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