

General characteristics

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

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	20
	UL/CSA	A	15
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection I_n (gG)	10kA	A	20
	15kA	A	20
	25kA	A	20
Rated short time current I_{cw}	1s	kA	250
	Conductivity		
Operational current I_e IEC/EN	AC1/AC21A		A 20
	AC15		
	110V	A	10
	220/230V	A	8
	380/400V	A	6
	660/690V	A	1.5
Rated operational power in AC	Three-phase AC-3		
	220/230V	kW	3.7
	380/440V	kW	5.5
	500/690V	kW	5.5
	Single-phase AC-3		
	110V	kW	0.75
	220/230V	kW	1.8
	380/440V	kW	3
	Three-phase AC23A		
	220/230V	kW	4
	380/440V	kW	7.5
	500/690V	kW	7.5
Single-phase AC23A	110V	kW	0.75
	220/230V	kW	2.2
	380/440V	kW	3.5
	Rated operational current in DC		
DC21A			
48V	A	20	
60V	A	20	

	110V	A	4
	220V	A	0.6
	440V	A	0.25
<hr/>			
DC23A (poles in series)	24V	A	20 (1)
	48V	A	20 (2)
	60V	A	20 (3)
	110V	A	10 (3)
	220V	A	8 (4)
<hr/>			
DC13	24V	A	20
	48V	A	16
	60V	A	12
	110V	A	1
	220V	A	0.4
	440V	A	0.15
<hr/>			
Power dissipation		W	0.6
Mechanical features			
Terminals screw			M3
Tightening torque for terminals max		Nm	0.8
<hr/>			
Conductor size			
AWG - Rigid cable	min	AWG	20
	Max	AWG	12
<hr/>			
AWG - Flexible cable	min	AWG	20
	Max	AWG	12
<hr/>			
Conductor size (IEC) - Flexible cable	min	mm ²	0.5
	Max	mm ²	2.5
<hr/>			
Conductor size (IEC) - Rigid cable	min	mm ²	0.5
	Max	mm ²	2.5
<hr/>			
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
<hr/>			
for single-phase motor	120V	HP	0.75
	240V	HP	1.5
<hr/>			
Ambient conditions			
Temperature			
Operating temperature	min	°C	-25
	max	°C	+55
<hr/>			
Storage temperature	min	°C	-40
	max	°C	+70
<hr/>			
Resistance & Protection			
Frontal IP degree			IP65

Terminals IP degree

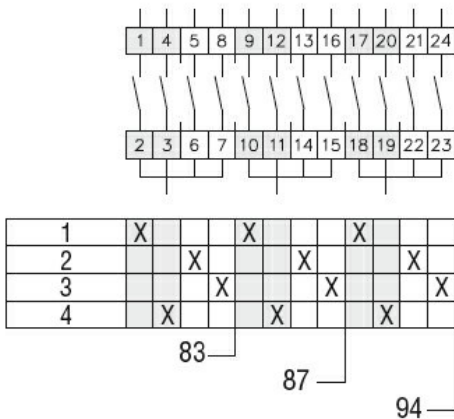
IP20

Dimensions



Series	Dimensions							L Number of elements											
	□A	C	∅D1	∅D2	E	□K	□N	1	2	3	4	5	6	7	8	9	10	11	12
GX16	48	39.5	12	5	26.5	36	6	43	51.5	60	68.5	77	85.5	94	102.5	111	119.5	128	136.5
GX20	48	39.5	12	5	26.5	36	6	43	51.5	60	68.5	77	85.5	94	102.5	111	119.5	128	136.5
GX32	65	53	14	5	34.5	48	7	51	63	75	85	99	111	123	135	147	159	171	183
GX40	65	53	14	5	34.5	48	7	51	63	75	85	99	111	123	135	147	159	171	183

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