

General characteristics

Switching diagram	93 - Multi-step 1-2-3 3 poles
N° of elements	5
Mounting form	U - Front mounting with black handle

Contact characteristics

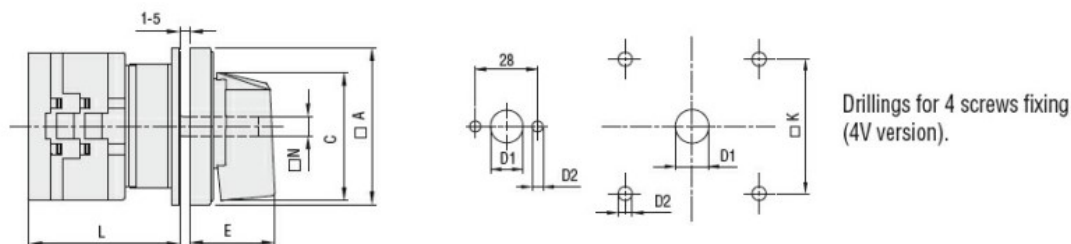
Rated insulation voltage Ui	IEC/EN	V	690		
	UL/CSA	V	600		
Rated impulse withstand voltage Uimp		kV	6		
Conventional free air thermal current Ith	IEC/EN	A	16		
	UL/CSA	A	12		
Rated operational voltage		V	440		
Rated operational impulse voltage		kV	4		
Maximum fuse size for short-circuit protection In (gG)					
	10kA	A	16		
	15kA	A	16		
	25kA	A	16		
Rated short time current Icw					
	1s	kA	250		
Conductivity			10/5 mA/V		
Operational current Ie 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
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

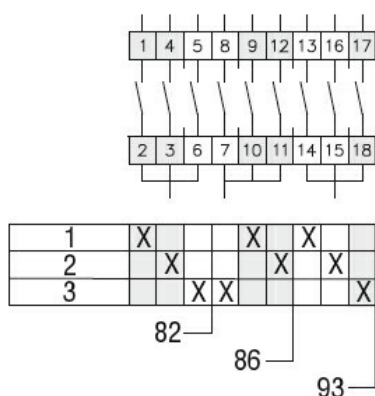
IP20

Dimensions



Series	Dimensions							L Number of elements											
	□A	C	ØD1	ØD2	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