

General characteristics

Switching diagram	109 - Multi-step 0-1-2-3-4 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	32
	UL/CSA	A	32
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection I_n (gG)	10kA	A	35
	15kA	A	35
	25kA	A	35
Rated short time current I_{cw}	1s	kA	1000
			10/5 mA/V
Conductivity			
Operational current I_e IEC/EN	AC1/AC21A		
		A	32
AC15	110V	A	25
	220/230V	A	20
	380/400V	A	10
	660/690V	A	2
Rated operational power in AC	Three-phase AC-3		
	220/230V	kW	7.5
	380/440V	kW	11
	500/690V	kW	11
	Single-phase AC-3		
	110V	kW	1.8
	220/230V	kW	3.5
	380/440V	kW	5.5
	Three-phase AC23A		
	220/230V	kW	8
	380/440V	kW	15
	500/690V	kW	15
Single-phase AC23A	110V	kW	2.2
	220/230V	kW	3.5
	380/440V	kW	6
Rated operational current in DC	DC21A		
	48V	A	32
	60V	A	32

		110V	A	5
		220V	A	0.8
		440V	A	0.25
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DC23A (poles in series)		24V	A	32 (1)
		48V	A	32 (2)
		60V	A	32 (3)
		110V	A	15 (3)
		220V	A	12 (4)
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DC13		24V	A	32
		48V	A	25
		60V	A	14
		110V	A	3
		220V	A	0.5
		440V	A	0.15
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Power dissipation			W	1.6
Mechanical features				
Terminals screw				M4
Tightening torque for terminals max			Nm	1.2
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Conductor size				
	AWG - Rigid cable			
		min	AWG	16
		Max	AWG	8
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	AWG - Flexible cable			
		min	AWG	16
		Max	AWG	10
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	Conductor size (IEC) - Flexible cable			
		min	mm ²	1.5
		Max	mm ²	6
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	Conductor size (IEC) - Rigid cable			
		min	mm ²	1.5
		Max	mm ²	10
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Mechanical life			cycles	1X10 ⁶
UL technical data				
Motor power for direct-on-line control				
	for three-phase motor			
		120V	HP	3
		240V	HP	7.5
		480V	HP	15
		600V	HP	15
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	for single-phase motor			
		120V	HP	1.5
		240V	HP	3
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Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
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	Storage temperature			
		min	°C	-40
		max	°C	+70
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Resistance & Protection				
Frontal IP degree				IP65

Terminals IP degree

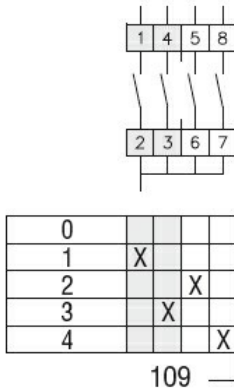
IP20

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