

### General characteristics

Switching diagram	06 - ON/OFF switch 2 poles
N° of elements	1
Mounting form	U - Front mounting with black handle

### Contact characteristics

Rated insulation voltage $U_i$	IEC/EN	V	480	
	UL/CSA	V	240	
Rated impulse withstand voltage $U_{imp}$		kV	4	
Conventional free air thermal current $I_{th}$	IEC/EN	A	10	
	UL/CSA	A	10	
Rated operational voltage		V	480	
Rated operational impulse voltage		kV	4	
Maximum fuse size for short-circuit protection $I_n$ (gG)	10kA	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	10
	AC15	110V	A	5
		220/230V	A	3
		380/400V	A	2
Rated operational power in AC	Three-phase AC-3	220/230V	kW	1.5
		380/440V	kW	2.2
	Single-phase AC-3	110V	kW	0.3
		220/230V	kW	0.55
		380/440V	kW	0.75
	Three-phase AC23A	220/230V	kW	1.8
		380/440V	kW	3
	Single-phase AC23A	110V	kW	0.7
		220/230V	kW	0.75
		380/440V	kW	1.1
	Rated operational current in DC	DC21A	48V	A
60V			A	7
110V			A	2
220V			A	0.7
440V			A	0.2
DC13		24V	A	3

	48V	A	3
	60V	A	2
	110V	A	1
	220V	A	0.3
	440V	A	0.1
Power dissipation		W	0.4

**Mechanical features**

Terminals screw			2.5M
Tightening torque for terminals max		Nm	0.4

Conductor size	AWG - Rigid cable	min	AWG	20
		Max	AWG	14
	AWG - Flexible cable	min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable	min	mm <sup>2</sup>	0.5
		Max	mm <sup>2</sup>	1.5
	Conductor size (IEC) - Rigid cable	min	mm <sup>2</sup>	0.5
		Max	mm <sup>2</sup>	1.5

Mechanical life		cycles	1x10 <sup>6</sup>
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**UL technical data**

Motor power for direct-on-line control	for three-phase motor	240V	HP	2
	for single-phase motor	240V	HP	0.75

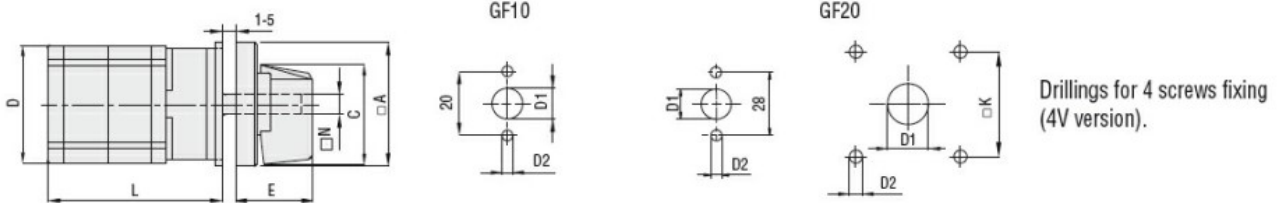
**Ambient conditions**

Temperature	Operating temperature	min	°C	-25
		max	°C	+55
	Storage temperature	min	°C	-40
		max	°C	+70

**Resistance & Protection**

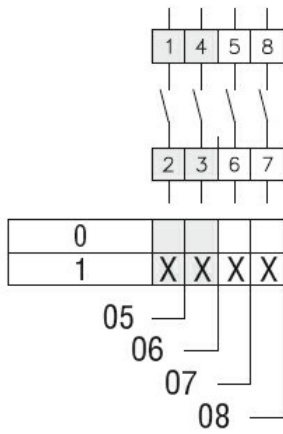
Frontal IP degree	IP40
Terminals IP degree	IP20

**Dimensions**



Series	Dimensions								L Number of elements											
	□A	C	D	ØD1	ØD2	E	□K	N	1	2	3	4	5	6	7	8	9	10	11	12
GF10	30	24	29	9	3.2	18.5	-	Ø5	40	52	64	76	88	100	112	124	-	-	-	-
GF20	48	39.5	36	12	5	26.5	36	□6	44	57.5	71	84.5	98	111.5	125	138.5	152	165.5	179	192.5

**Wiring diagrams**



**Certifications and compliance**

Compliance

- CSA C22.2 n° 14

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- IEC/EN/BS 60947-1

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- IEC/EN/BS 60947-3

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- IEC/EN/BS 60947-5-1

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- UL60947-4-1

Certificates

- cULus

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- EAC

**ETIM classification**

ETIM 8.0

EC001029 -  
Selector switch,  
complete