GF10108U

ROTARY CAM SWITCH GF SERIES, MULTI-STEP 0-1-2-3, 1 POLE 10A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 30X30MM

General characteristics

Switching diagram	108 - Multi-step 0-1-2-3 1 pole
N° of elements	2
Mounting form	U - Front mounting with black handle

Contact characteristics

Rated insulation voltage Ui			
	IEC/EN	V	480
	UL/CSA	V	240
Rated impulse withstand voltage Uimp		kV	4
Conventional free air thermal current Ith			
	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 In (gG)			
	10kA	A	16
Rated short time current Icw			
	1s	kA	250
Conductivity			10/5 mA/V
Operational current Ie 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	10
	60V	A	7
	110V	A	2
	220V	A	0.7
	440V	A	0.2
DC13			
	24V	A	3

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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	mm²	0.5
Max	mm²	1.5
Conductor size (IEC) - Rigid cable		
min	mm²	0.5
Max	mm²	1.5
Mechanical life	cycles	1x10⁶

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

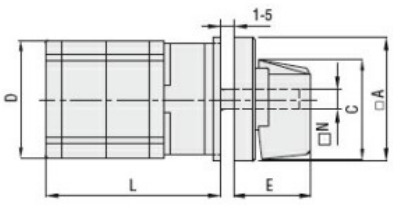
Ambient conditions

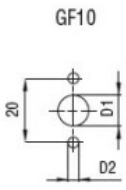
Temperature		
Operating temperature		
min	°C	-25
max	°C	+55
Storage temperature		
min	°C	-40
max	°C	+70

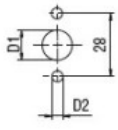
Resistance & Protection

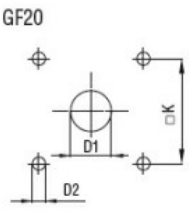
Frontal IP degree	IP40
Terminals IP degree	IP20

Dimensions









Drillings for 4 screws fixing (4V version).

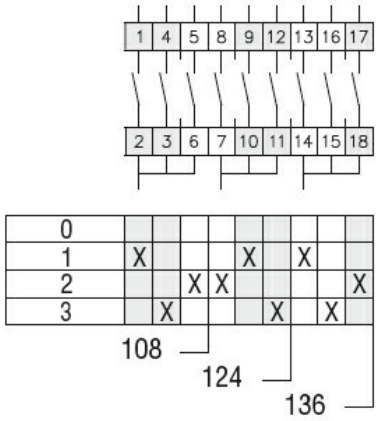
Series	Dimensions								L Number of elements											
	□A	C	D	ØD1	ØD2	E	□K	N	1	2	3	4	5	6	7	8	9	10	11	12
GF10	30	24	29	9	3.2	18.5	–	Ø5	40	52	64	76	88	100	112	124	–	–	–	–
GF20	48	39.5	36	12	5	26.5	36	□6	44	57.5	71	84.5	98	111.5	125	138.5	152	165.5	179	192.5

Wiring diagrams

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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
UL60947-4-1

Certificates

cULus
EAC

ETIM classification

ETIM 8.0	EC001029 - Selector switch, complete

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