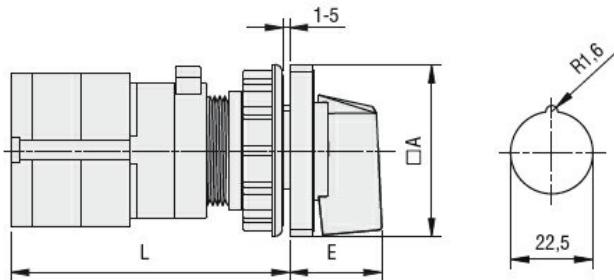


Product designation	Rotary cam switches		
Product type designation	GF10		
<b>General characteristics</b>			
Switching diagram	13 - Dahlander motor control switch 1-0-2		
N° of elements	4		
Mounting form	U47 - Snap on front mounting with black handle for hole diam. 22mm fixng		
<b>Contact characteristics</b>			
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	10

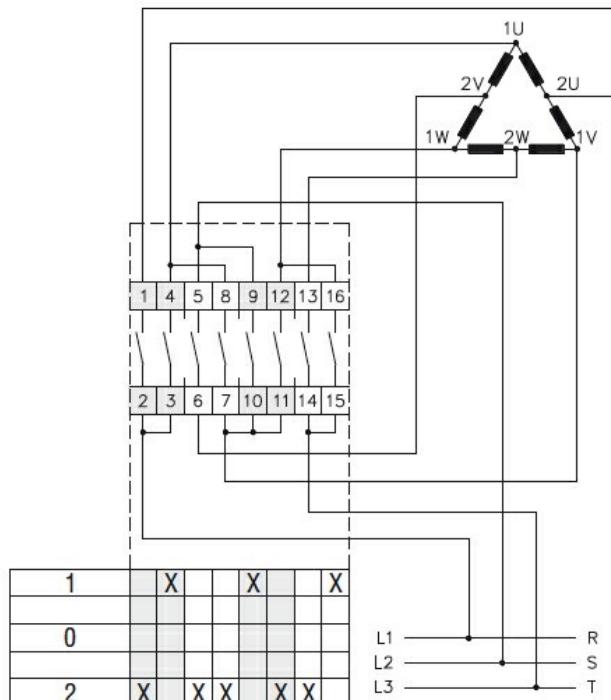
**ROTARY CAM SWITCH GF SERIES, DAHLANDER MOTOR CONTROL SWITCH 1-0-2, 10A,  
MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE,  
FRONT PLATE 30X30MM**

	60V	A	7
	110V	A	2
	220V	A	0.7
	440V	A	0.2
<b>DC13</b>			
	24V	A	3
	48V	A	3
	60V	A	2
	110V	A	1
	220V	A	0.3
	440V	A	0.1
<b>Power dissipation</b>		W	0.4
<b>Mechanical features</b>			
Terminals screw			2.5M
Tightening torque for terminals max		Nm	0.4
<b>Conductor size</b>			
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
<b>Mechanical life</b>		cycles	1x10 <sup>6</sup>
<b>UL technical data</b>			
Motor power for direct-on-line control			
for three-phase motor	240V	HP	2
for single-phase motor	240V	HP	0.75
<b>Ambient conditions</b>			
Temperature			
Operating temperature		min	°C -25
		max	°C +55
Storage temperature		min	°C -40
		max	°C +70
<b>Resistance &amp; Protection</b>			
Frontal IP degree			IP40
Terminals IP degree			IP20
<b>Dimensions</b>			



Series	Dimensions		L			
	□A	E	1	2	3....8	
GF10	30	18.5	60	72	84	144
GF20	48	26.5	56	69.5	83	150.5

### 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

UL60947-4-1

#### Certificates

cULus

EAC

### ETIM classification

ETIM 8.0

EC001029 -  
Selector switch,  
complete