

Product designation				^o Rotary cam
-				switches
Product type designati				GX16
General characteristics Switching diagram	5			20 - Dahlander motor 2-speed reversing switch
N° of elements				6
Mounting form				U47 - Snap on fron mounting with black handle for hole diam. 22mm finxing
Contact characteristics				
Rated insulation voltag		IEC/EN UL/CSA	V V	690 600
Rated impulse withstar			kV	6
Conventional free air th	nermal current Ith	IEC/EN UL/CSA	A A	16 12
Rated operational volta	age		V	440
Rated operational imp			kV	4
Maximum fuse size for	r short-circuit protection In (gG)	10kA 15kA	A A	16 16
		25kA	A	16
Rated short time curre	nt Icw	1s	A	250
Conductivity				10/5 mA/V
Operational current le	IEC/EN AC1/AC21A		A	16
	AC15		Α	10
		110V 220/230V 380/400V	A A A	10 8 4
		660/690V	Α	1.5
Rated operational pow	rer in AC Three-phase AC-3	220/2201/	L\\/	2.5
		220/230V 380/440V	kW kW	3.5 4.5
		500/690V	kW	5.5
	Single-phase AC-3	000,000 (0.0
		110V	kW	0.55
		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

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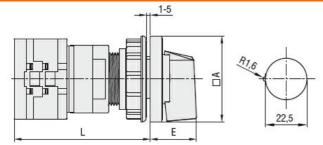
		220/230V	kW	1.8
		380/440V	kW	3
Rated operational cur	rent in DC			
	DC21A			
		48V	А	16
		60V	А	16
		110V	А	4
		220V	А	0.6
		440V	A	0.25
	DC23A (poles in series)	1101		0.20
		24V	А	16 (1)
		48V	A	16 (2)
		40V 60V	A	16 (3)
		110V	A	10 (3)
	D 010	220V	А	7 (4)
	DC13	0.01		4.0
		24V	A	16
		48V	A	14
		60V	A	10
		110V	А	1
		220V	А	0.4
		440V	А	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			
	AWG Algid cable	min	AWG	20
		Max	AWG	12
	AWG - Flexible cable	IVIdX	AWG	12
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable			
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	1X10 ⁶
UL technical data				
Motor power for direc	t-on-line control			
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
		480V	HP	5
		480 V 600 V	HP	5
	for single phase mater	0000	ΠF	5
	for single-phase motor	40017		0.75
		120V	HP	0.75
		240V	HP	1
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25

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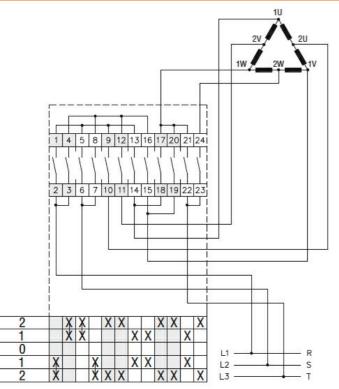
	max	°C	+55	
Storage temperature				
	min	°C	-40	
	max	°C	+70	
Resistance & Protection				
Frontal IP degree			IP65	
Terminals IP degree			IP20	
Dimensione				1

Dimensions



Cariaa	Dimensions		L			
Series	□A	E	1	2	3	8
GX16	48	26.5	64.9	73.4	81.9	124.4
GX20	48	26.5	64.9	73.4	81.9	124.4

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

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The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



	UL60947-4-1	
Certificates		
	cULus	
	EAC	
ETIM classificat	ion	
ETIM 8.0		EC001029 - Selector switch,

complete

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