



ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 1 POLE 20A, FOR FRONT MOUNTING WITHOUT FRONT PLATE WITH KEY OPERATION FOR HOLE Ø22MM FIXING

Product designation switches switches a switches switch pole switch 1 p					Rotary cam
Switching diagram Sof-ON/OFF Switch Pole Pole Switch Pole	Product designation				switches
Switching diagram 05 - ON/OFF switch 1 pole N° of elements 1 N° of elements 1 Wounting without from plate with key operation for hole diam. 22mm fixing Contact characteristics Rated insulation voltage UI IEC/EN V 690 UL/CSA V 600 Rated impulse withstand voltage Uimp kV 600 Conventional free air thermal current Ith IEC/EN A 20 UL/CSA A 15 Rated operational voltage V 440 Rated operational impulse voltage kV 4 Maximum fuse size for short-circuit protection In (gG) 10KA A 20 UL/CSA A 20 UL					GX20
Switch I pole switch I pole N° of elements U12 - Front mounting without fronty late with key operation for hole diam. 22mm fixing Contact characteristics IEC/EN V 690 Rated insulation voltage Ui IEC/EN V 600 Rated impulse withstand voltage Uimp kV 6 Conventional free air thermal current Ith IEC/EN A 20 Conventional Impulse voltage kV 4 Rated operational impulse voltage kV 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 20 Rated short time current Icw 1 s A 250 Conductivity 1 s A 250 Conductivity 1 s A 20 AC15 1 10V A 10 AC16 2020/230V A 8 AC19 2020/230V A 8 380/400V KW 5.5 Single-phase AC-3 110V kW 0.75 2020/230V kW 5.5 <td>General characteristics</td> <td></td> <td></td> <td></td> <td>05 ON/055</td>	General characteristics				05 ON/055
No of elements 1	Switching diagram				
Mounting form	N° of elements				
Mounting form Service					
Rev Contact characteristics Rev Contact Contac					
Mode diam. 22mm fixing	Mounting form				
Rated insulation voltage Ui IEC/EN V 690 UI/CSA V 600 OII/CSA A 15 OII/CSA A 20 OII/CSA OII					
Rated insulation voltage Ui					
IEC/EN V 690	Contact characteristics	;			
Rated impulse withstand voltage Uimp	Rated insulation voltag	e Ui			
Rated impulse withstand voltage Uimp			= :		
Conventional free air thermal current Ith			UL/CSA		
Rated operational voltage V				kV	6
Name	Conventional free air tr	nermal current ith	IFC/FN	۸	20
Rated operational voltage V 440					
Rated operational impulse voltage	Rated operational volta	age	OLIOOA		
Maximum fuse size for short-circuit protection In (gG) 10kA A 20 15kA A 20 25kA A 20 Rated short time current lcw 1s A 250 Conductivity 1s A 250 Conductivity Operational current le IEC/EN AC1/AC21A AC15 110V A 10 220/230V A 8 380/400V A 6 660/690V A 1.5 Rated operational power in AC Three-phase AC-3 220/230V kW 3.7 380/440V kW 5.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.75 220/230V kW 1.8 380/440V kW 3.7 380/440V kW 3.7 110V kW 0.75 220/230V kW 1.8 380/440V kW 3.7 110V kW 0.75 220/230V kW 1.8 380/440V kW 3.5 Three-phase AC23A 220/230V kW 1.8 380/440V kW 3.5 Single-phase AC23A 220/230V kW 1.8 380/440V kW 3.5 Single-phase AC23A 220/230V kW 7.5 500/690V kW 7.5 500/690V kW 7.5 500/690V kW 7.5 500/690V kW 7.5					
10kA					
Rated short time current Icw 1s		, ,	10kA	Α	20
Rated short time current lcw			15kA	Α	20
1s			25kA	Α	20
Conductivity	Rated short time curre	nt Icw			
Operational current le IEC/EN			1s	Α	
AC1/AC21A A 20 AC15 110V A 10 220/230V A 8 380/400V A 6 660/690V A 1.5 Rated operational power in AC Three-phase AC-3 220/230V kW 3.7 380/440V kW 5.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.75 220/230V kW 1.8 380/440V kW 3 Three-phase AC23A 220/230V kW 1.8 380/440V kW 3 Three-phase AC23A		IEO/EN			10/5 mA/V
A 20 AC15 110V	Operational current le				
AC15 110V A 10 220/230V A 8 380/400V A 6 660/690V A 1.5 Rated operational power in AC Three-phase AC-3 220/230V kW 3.7 380/440V kW 5.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.75 220/230V kW 1.8 380/440V kW 3 Three-phase AC23A 220/230V kW 1.8 380/440V kW 3 Three-phase AC23A		ACT/ACZTA		Δ	20
110V		AC15			
220/230V		7.010	110V	Α	10
380/400V					
Rated operational power in AC Three-phase AC-3 220/230V kW 3.7 380/440V kW 5.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.75 220/230V kW 1.8 380/440V kW 3 Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A			380/400V	Α	
Three-phase AC-3 220/230V kW 3.7 380/440V kW 5.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.75 220/230V kW 1.8 380/440V kW 3 Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A			660/690V	Α	1.5
220/230V kW 3.7 380/440V kW 5.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.75 220/230V kW 1.8 380/440V kW 3 Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A	Rated operational pow				
380/440V kW 5.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.75 220/230V kW 1.8 380/440V kW 3 Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A		Three-phase AC-3			
Single-phase AC-3 110V kW 0.75 220/230V kW 1.8 380/440V kW 3 380/440V kW 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A					
Single-phase AC-3 110V kW 0.75 220/230V kW 1.8 380/440V kW 3 Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A					
110V kW 0.75 220/230V kW 1.8 380/440V kW 3 Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A		Single-phase AC-3	300/0901	KVV	0.0
220/230V kW 1.8 380/440V kW 3 Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A		Olligie-pilase AO-3	110V	kW	0.75
380/440V kW 3 Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A					
220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A					
380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A		Three-phase AC23A			
Single-phase AC23A 500/690V kW 7.5			220/230V	kW	4
Single-phase AC23A					
			500/690V	kW	7.5
TTUV KVV U.75		Single-phase AC23A	440\/	14/4/	0.75
			1100	KVV	0.73



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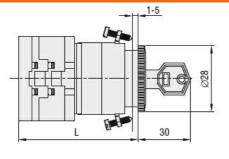
		220/230V	kW	2.2
		380/440V	kW	3.5
Rated operational curr	rent in DC			
	DC21A			
		48V	Α	20
		60V	Α	20
		110V	Α	4
		220V	Α	0.6
		440V	Α	0.25
	DC23A (poles in series)			
	2020/ (poice iii eeilee)	24V	Α	20 (1)
		48V	A	20 (2)
		60V	A	20 (3)
		110V	A	10 (3)
		220V	A	
	DC13	2201	A	8 (4)
	DC13	0.41/	۸	00
		24V	A	20
		48V	A	16
		60V	Α	12
		110V	Α	1
		220V	Α	0.4
		440V	Α	0.15
Power dissipation			W	0.6
Mechanical features				
Terminals screw				M3
Tightening torque for t	erminals max		Nm	0.8
Conductor size				_
	AWG - Rigid cable			
		min	AWG	20
		Max	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	IVION		<u> </u>
	Conductor Sizo (IEO) Trigid Gabio	min	mm²	0.5
		Max	mm²	2.5
Mechanical life		IVIAA	cycles	1X10 ⁶
UL technical data			cycles	1/10
Motor power for direct	t-on-line control			
wotor power for affect				
	for three-phase motor	40017	LIE	4.5
		120V	HP	1.5
		240V	HP	3
		480V	HP	5
		600V	HP	5
	for single-phase motor			
		120V	HP	0.75
		240V	HP	1.5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25

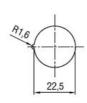


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	max	°C	+55	
Storage temperature				,
	min	°C	-40	
	max	°C	+70	
Resistance & Protection				
Frontal IP degree			IP65	
Terminals IP degree			IP20	
D				

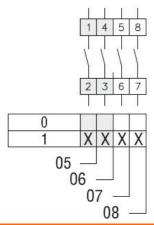
Dimensions





Series	L			
	1	2	3	8
GX16	54	62.5	71	113.4
GX20	54	62.5	71	113.4

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

UL60947-4-1

Certificates

cULus EAC

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete