

electric ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 3 POLES 20A, FOR FRONT MOUNTING WITH BLACK HANDLE WITHOUT FRONT PLATE FOR HOLE Ø22MM FIXING

ENERGY AND AUTOMATION

Product type designation GX20 General characteristics Switching diagram O7 - ON/OFF switch 3 poles N° of elements 2 U11 - Front mounting with black handle	Product designation				Rotary cam
Switching diagram	_				
Switching diagram 07 - ON/OFF switch 3 poles with 3 poles handle without fine pole to role diam. 2 poles handle without for plate to role diam. 2 poles handle without for plate to role diam. 2 poles handle without for plate to role diam. 2 poles handle without for plate to role diam. 2 poles handle without for plate to role diam. 2 poles handle without for plate to role diam. 2 poles handle without for plate to role diam. 2 poles handle without for plate to role diam. 2 poles handle without for plate to role diam. 2 poles handle without poles handle					GX20
Switch 3 poles N° of elements 2 U11 - Front mounting with black handle without front plate for hole dam. 22mm fixing Contact characteristics Rated insulation voltage Ui IEC/EN V 690 UI/CSA V 600 Rated impulse withstand voltage Uimp kV 6 Conventional free air thermal current ith IEC/EN A 20 UI/CSA A 15 Rated operational impulse voltage kV 4 Maximum fuse size for short-circuit protection In (gG) Rated short time current Ie IEC/EN A 20 10KA A 20 10KA A 20 13KA A	General characteristics				07 ON/OFF
N° of elements 2	Switching diagram				
Mounting form Section	N° of elements				
Black handle without front plate for hole diam. 2 zmm fixing to hole diam					U11 - Front
Without front plate for hole diam. Section Section					
Contact characteristics	Mounting form				
Contact characteristics Rated insulation voltage Ui IEC/EN U/CSA V 690 0U/CSA A 15 Rated impulse withstand voltage Uimp	•				
Contact characteristics					
IEC/EN V 690 000 Rated impulse withstand voltage Ulimp	Contact characteristics				
Name	Rated insulation voltage	e Ui			
Rated impulse withstand voltage Uimp					
Conventional free air thermal current lth	B + 12 1 21		UL/CSA		
IEC/EN		• •		KV	6
Rated operational voltage V V V V V V V V V	Conventional free air tr	iermai current ith	IEC/EN	۸	20
Rated operational voltage					
Rated operational impulse voltage	Rated operational volta	age	01/00/1		
Maximum fuse size for short-circuit protection In (gG) 10kA A 20 15kA A 20 25kA A 20 25kA A 20 Rated short time current Icw 1s A 250 Conductivity 10/5 mA/V 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 3.7 380/440V kW 3.7 380/440V kW 3.7 380/440V 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				-	
10kA A 20 15kA A 20 25kA A 20 20 20 20 20 20 20		-			
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 currer	nt Icw			
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 110V kW 0.75 220/230V kW 1.8 380/440V kW 3.7 220/230V kW 1.8 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A	O a sa alice atticità e		18	A	
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 Three-phase AC23A 220/230V kW 1.8 380/440V kW 3 Three-phase AC23A Single-phase AC23A		IEC/EN			10/5 MA/V
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	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		A01/A021A		Α	20
110V		AC15		- , ,	
Single-phase AC23A Single-			110V	Α	10
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 3 Single-phase AC23A			220/230V	Α	8
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				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	220/2201/	LAAA	2.7
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					
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			
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
Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A			220/230V	kW	1.8
220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A			380/440V	kW	3
380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A		Three-phase AC23A			
Single-phase AC23A					
Single-phase AC23A					
		Single-phase AC23A	500/690V	KVV	<i>(</i> .)
1100 100		Olligie-pilase AO23A	110\/	kW	0.75
					v



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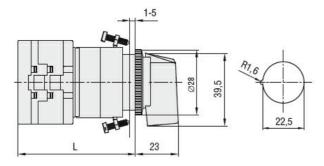
		220/230V	kW	2.2
		380/440V	kW	3.5
Rated operational curre	ent in DC			
	DC21A			
		48V	Α	20
		60V	Α	20
		110V	Α	4
		220V	Α	0.6
		440V	Α	0.25
	DC23A (poles in series)			
	,	24V	Α	20 (1)
		48V	Α	20 (2)
		60V	Α	20 (3)
		110V	Α	10 (3)
		220V	Α	8 (4)
	DC13		- , ,	0 (1)
		24V	Α	20
		48V	A	16
		60V	A	12
		110V		12
			A	
		220V	A	0.4
B 8 1 0		440V	A	0.15
Power dissipation			W	0.6
Mechanical features				140
Terminals screw				M3
Tightening torque for te	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			
	, , , , ,	min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	1X10 ⁶
UL technical data			.,	
Motor power for direct-	on-line control			
	for three-phase motor			
	io. alloo phaoo motor	120V	HP	1.5
		240V	HP	3
		480V	HP	5 5
		600V	HP	5 5
	for single phase mater	۷۵۵۷	ПР	J
	for single-phase motor	40017	LID	0.75
		120V	HP	0.75
A 11 ()		240V	HP	1.5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25



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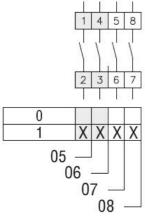
ENERGY AND AUTOMATION

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



Series	L			
	1	2	3	8
GX16	54	62.5	71	147.5
GX20	54	62.5	71	147.5

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

IEC/EN/BS 61058-1

UL60947-4-1

Certificates

cULus

EAC

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete