

ENCLOSED ROTARY CAM SWITCH GX SERIES, CHANGEOVER SWITCH WITHOUT 0, 2 POLES 20A IN PLASTIC ENCLOSURE 90X90MM WITH BLACK HANDLE

Product type designation	Product designation				Enclosed rotary cam switch
Semental characteristics 55 - Changeover switch without 0 2 poles N° of elements 2 2 Mounting form P - Plastic enclosure with black handle Contact characteristics Rated insulation voltage Ui Earted impulse withstand voltage Uimp IEC/EN V 690 Conventional free air thermal current lth IEC/EN A 20 Conventional free air thermal current lth IEC/EN A 20 Rated operational voltage kV 4 4 Rated operational impulse voltage kV 4 4 Maximum fuse size for short-circuit protection in (gG) 10KA A 20 Rated short time current lcw 1s A 250 Conductivity 1s A 250 Conductivity AC1/AC21A A 20 AC15 AC1/AC21A A 20 AC16 AC1/AC21A A 20 Conductivity AC1/AC21A A 20 Rated operational power in AC	Product type designati	ion			
Switching diagram switch without 0 2 poles N° of elements 2 Mounting form P - Plastic enclosure with black handle Contact characteristics Rated insulation voltage Ui IEC/EN V 600 Rated impulse withstand voltage Uimp R V 6 Conventional free air thermal current Ith IEC/EN A 20 00 Rated operational voltage V 440 Rated operational impulse voltage V 440 Rated operational impulse voltage V 440 Rated short time current Icw 10kA A 20 00 Rated short time current Icw 1s A 250 Conductivity 1s A 250 Operational current I EC/EN AC1/AC21A A 10 00 AC15 1100 A A 10 00 220/2300 A A 6 6 00/6900 A 1.5 Rated operational power in AC 220/2300 A A 6 00 Three-phase AC-3 220/2300 KW 3.7 00 Single-phase AC-3 1100 KW 0.75 00 Single-phase AC23A 220/2300 KW 3.7 00 Three-phase AC23A 220/2300 KW 3.7 00 Three-phase AC23A 220/2300 KW 3.7 00 Three-phase AC23A 220/2300 KW 3.7 00					G7.20
N° of elements 2 Mounting form P - Plastic enclosure with black handle Contact characteristics IEC/EN V 690 Rated insulation voltage Uimp kV 6 6 Conventional free air thermal current Ith IEC/EN UL/CSA A 15 A 20 Rated operational voltage V 440 A 15 Rated operational impulse voltage kV 4 4 Maximum fuse size for short-circuit protection in (gG) 10kA A 20 20 Rated short time current lcw 1 s A 250 A 250 Rated short time current lc BEC/EN A 20 A 250 A 250 Conductivity 1 s A 250 A 250 Conductivity 1 10½ mA/V A 10 A 20 AC1/AC21A A 20 A 8 380/4400V A 8 8 380/4400V A 6 660/690V A 1.5 Respectively Single-phase AC-3 A 10 A 20 A 10 A 20 A 10 A 20	Switching diagram				switch without 0 2
Mounting form Section	N° of elements				
Rated insulation voltage Uin IEC/EN V 690 OUL/CSA V 600 OUL/CSA A 15 OUL/CSA A OUL/CSA A 15 OUL/CSA A 15 OUL/CSA A 15 OUL/CSA A 15 OUL/CSA A 10 OUL/CSA A 20 OUL/CSA OUL/C	Mounting form				enclosure with
Conventional free air thermal current lth	Contact characteristics	3			
Rated impulse withstand voltage Ulimp	Rated insulation voltag	je Ui			
Rated impulse withstand voltage Uimp			IEC/EN	V	690
Conventional free air thermal current Ith			UL/CSA	V	600
Rated operational voltage V V V V V V V V V	Rated impulse withsta	nd voltage Uimp		kV	6
Rated operational voltage V V V V V V V V V	Conventional free air the	nermal current Ith			
Rated operational voltage			IEC/EN	Α	20
Rated operational impulse voltage KV 4			UL/CSA		15
Maximum fuse size for short-circuit protection In (gG)	Rated operational volta	age		V	440
10kA	Rated operational imp	ulse voltage		kV	4
Table Tabl	Maximum fuse size for	r short-circuit protection In (gG)			
Rated short time current Icw			10kA	Α	20
Rated short time current lcw				Α	20
Three-phase AC-3 Three-phase AC-3 Three-phase AC23A Three-			25kA	Α	20
Conductivity	Rated short time curre	nt Icw			
A			1s	Α	
AC1/AC21A AC15 AC15 110V A 10 220/230V A 8 380/440V 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 Three-phase AC23A 220/230V kW 1.8 380/440V kW 3.7 220/230V kW 1.8 380/440V kW 3.7 ACC STREE-Phase AC23A ACC STREE-Phase AC23A	Conductivity				10/5 mA/V
AC15 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 Three-phase AC23A 220/230V kW 7.5 500/690V kW 7.5	Operational current le	IEC/EN			
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 4 3.80/440V kW 3 Three-phase AC23A 220/230V kW 7.5 500/690V kW 7.5		AC1/AC21A			
110V				Α	20
Rated operational power in AC Three-phase AC-3		AC15			
Single-phase AC23A Single-					
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 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 2.2					
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 110V kW 0.75 220/230V kW 7.5 220/230V kW 7.5 220/230V kW 7.5					
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 110V kW 0.75 220/230V kW 7.5 500/690V kW 7.5			660/690V	A	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 110V kW 0.75 220/230V kW 4 220/230V kW 7.5 220/230V kW 7.5	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 110V kW 0.75 220/230V kW 7.5 220/230V kW 2.2		Three-phase AC-3			
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 110V kW 0.75 220/230V kW 2.2					
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 0.75 220/230V kW 2.2					
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 2.2			500/690V	kW	5.5
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 2.2		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 0.75 220/230V kW 2.2					
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 2.2					
220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 2.2			380/440V	kW	3
380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 2.2		inree-phase AC23A	000/0001	1301	4
500/690V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 2.2					
Single-phase AC23A 110V kW 0.75 220/230V kW 2.2					
110V kW 0.75 220/230V kW 2.2		0: 1 1 2000	500/690V	kW	1.5
220/230V kW 2.2		Single-phase AC23A	44014	1301	0.75
380/440V KW 3.5					
			38U/44UV	KVV	ა.ⴢ

ENCLOSED ROTARY CAM SWITCH GX SERIES, CHANGEOVER SWITCH WITHOUT 0, 2 POLES 20A IN PLASTIC ENCLOSURE 90X90MM WITH BLACK HANDLE

Rated operational c				
	DC21A	40) (
		48V	A	20
		60V	A	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			
		24V	Α	20
		48V	Α	16
		60V	Α	12
		110V	Α	1
		220V	A	0.4
		440V	A	0.15
Power dissipation		7701	W	0.6
Mechanical features	3		V V	J.U
Terminals screw				M3
Tightening torque fo	or terminals max		Nm	0.8
Conductor size	on the state of th		1 11111	0.0
CONTIGUOTOR SIZE	AWG - Rigid cable			
	AWO - Migia cable	min	AWG	20
		Max		12
	ANAO Florible sable	IVIAX	AWG	12
	AWG - Flexible cable		414/0	00
		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
JL technical data				
Motor power for dire	ect-on-line control			
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
		480V	HP	5
		600V	HP	5
	for single-phase motor			
	g.o pgo motor	120V	HP	0.75
		240V	HP	1.5
Ambient conditions		Z70 V	1 11	1.0
Temperature				
romperature	Operating temperature			
	Operating temperature	!	°C	25
		min	°C	-25
		max	°C	+55
	Storage temperature			



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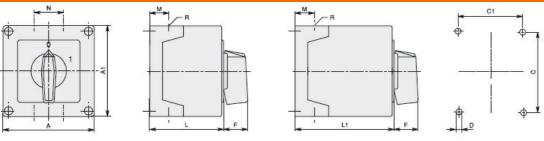
min °C -40 max °C +70

IP65

Resistance & Protection Frontal IP degree

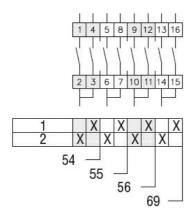
Terminals IP degree IP20

Dimensions



GX16	90x90	1-2	3-5	90	90	70	70	4.5	05	19	30	71.0	00.2	4×D016	IDec
GX20		1 - 2	3-5	90	90	79	79	4.5	25	19	30	71.3	98.3	4xPG16	IP65
GX16	110x110	1 - 3	4-7												
GX20		1 - 3	4-7	110	110	00.4	00	4.5	20	01	20.5	0F F	119.5	4xPG21	IP65
GX32		1 - 2	3-4	110	110	98.4	83	4.5	32	21	39.5	85.5	119.5	4XPG21	1700
GX40		1 - 2	3-4	1	1										

Wiring diagrams



Certifications and compliance

Compliance

IEC/EN/BS 60947-1

IEC/EN/BS 60947-3

IEC/EN/BS 60947-5-1

IEC/EN/BS 61058-1

Certificates

EAC

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete