

# ENCLOSED ROTARY CAM SWITCH GX SERIES, MULTI-STEP 0-1-2-3, 1 POLE 16A IN PLASTIC ENCLOSURE 90X90MM WITH BLACK HANDLE

Contact characteristics	Product designation				Enclosed rotary
Description	_				
Switching diagram         108 - Multi-step (0-1-2-3 1 pole 0-1-2-3 1 pole 0-1-					GX16
Mounting form   P - Plastic enclosure with black handle					•
Mounting form   Price   Pric	N° of elements				
Rated insulation voltage Ui	Mounting form				enclosure with
IEC/EN   V 600     Rated impulse withstand voltage Ulimp	Contact characteristics	S			Diagn Hariaio
Rated impulse withstand voltage Uimp	Rated insulation voltage	ge Ui			
Rated impulse withstand voltage Uimp				V	690
Conventional free air thermal current lth			UL/CSA		
IEC/EN   A   16   UL/CSA   A   12   A   12   A   A   A   A   A   A   A   A   A				kV	6
Rated operational voltage	Conventional free air t	hermal current Ith			
Rated operational voltage					
Rated operational impulse voltage   Rated operational impulse voltage   Rated short circuit protection In (gG)   10kA			UL/CSA		
Maximum fuse size for short-circuit protection In (gG)		-			
10kA		<u> </u>		kV	4
15kA	Maximum fuse size to	r short-circuit protection In (gG)		_	
Rated short time current Icw					
Rated short time current lcw					
1s	Data di abianti tima a sunna	and I am	25KA	A	16
Conductivity	Rated short time curre	ent icw	10	LΛ	250
AC1/AC21A	Conductivity		18	KA	
AC1/AC21A  AC15  T10V A 10 220/230V A 8 380/400V A 4 660/690V A 1.5  Rated operational power in AC  Three-phase AC-3  220/230V kW 3.5 380/440V kW 4.5 500/690V kW 5.5  Single-phase AC-3  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 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 0.75 220/230V kW 7.5  Single-phase AC23A  110V kW 0.75 220/230V kW 1.8 380/440V kW 1.8		IEC/EN			10/5 IIIA/ V
AC15  AC15  110V A 10 220/230V A 8 380/400V A 4 660/690V A 1.5  Rated operational power in AC Three-phase AC-3  220/230V kW 3.5 380/440V kW 4.5 500/690V kW 5.5  Single-phase AC-3  110V kW 0.55 220/230V kW 1.5 380/440V kW 1.5 380/440V kW 2.2  Three-phase AC23A  220/230V kW 3.7 380/440V kW 2.5  Single-phase AC23A  110V kW 0.55 220/230V kW 3.7 380/440V kW 6.5 500/690V kW 7.5  Single-phase AC23A  110V kW 0.75 220/230V kW 1.8 380/440V kW 1.8 380/440V kW 0.75	Operational current le				
AC15    110V   A   10     220/230V   A   8     380/400V   A   4     660/690V   A   1.5     Rated operational power in AC     Three-phase AC-3     220/230V   kW   3.5     380/440V   kW   4.5     500/690V   kW   5.5     Single-phase AC-3     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     220/230V   kW   7.5     Single-phase AC23A     110V   kW   0.75     220/230V   kW   1.8     380/440V   kW   3.7     380/440V   kW   3.7     380/440V   kW   4.5     500/690V   kW   7.5     220/230V   kW   1.8     380/440V   kW   3.7     380/440V   4.7     380/440V		ACT/ACZTA		Δ	16
110V		AC15			10
220/230V		AOTO	110V	Α	10
Single-phase AC-34   110V   KW   1.5   120   1					-
Rated operational power in AC  Three-phase AC-3  220/230V kW 3.5 380/440V kW 4.5 500/690V kW 5.5  Single-phase AC-3  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 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 0.75 220/230V kW 1.8 380/440V kW 6.5 500/690V kW 7.5					
Rated operational power in AC Three-phase AC-3  220/230V kW 3.5 380/440V kW 4.5 500/690V kW 5.5  Single-phase AC-3  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 0.75 220/230V kW 7.5					
Three-phase AC-3  220/230V kW 3.5 380/440V kW 4.5 500/690V kW 5.5  Single-phase AC-3  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 0.75 220/230V kW 1.8 380/440V kW 3.7	Rated operational pow	ver in AC			_
380/440V kW 4.5 500/690V kW 5.5  Single-phase AC-3  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 0.75 220/230V kW 1.8 380/440V kW 3.7	·				
Single-phase AC-3   110V   kW   0.55   220/230V   kW   1.5   380/440V   kW   2.2     220/230V   kW   3.7   380/440V   kW   6.5   500/690V   kW   7.5     Single-phase AC23A   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   3.8   380		·	220/230V	kW	3.5
Single-phase AC-3  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 0.75 220/230V kW 1.8 380/440V kW 3.7			380/440V	kW	4.5
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 0.75 220/230V kW 1.8 380/440V kW 3			500/690V	kW	5.5
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 0.75 220/230V kW 1.8 380/440V kW 3		Single-phase AC-3			
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 0.75 220/230V kW 1.8 380/440V kW 3			110V	kW	0.55
Three-phase AC23A  220/230V kW 3.7 380/440V kW 6.5 500/690V kW 7.5  Single-phase AC23A  110V kW 0.75 220/230V kW 1.8 380/440V kW 3			220/230V	kW	1.5
220/230V kW 3.7 380/440V kW 6.5 500/690V kW 7.5  Single-phase AC23A  110V kW 0.75 220/230V kW 1.8 380/440V kW 3			380/440V	kW	2.2
380/440V kW 6.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 1.8 380/440V kW 3		Three-phase AC23A			
500/690V kW 7.5  Single-phase AC23A  110V kW 0.75 220/230V kW 1.8 380/440V kW 3					
Single-phase AC23A  110V kW 0.75  220/230V kW 1.8  380/440V kW 3					
110V kW 0.75 220/230V kW 1.8 380/440V kW 3			500/690V	kW	7.5
220/230V kW 1.8 		Single-phase AC23A			
380/440V kW 3					
	Datad anausticus I :	rent in DC	38U/44UV	KVV	ა



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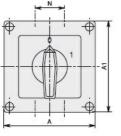
	B00/4			
	DC21A	4014		
		48V	A	16
		60V	Α	16
		110V	Α	4
		220V	Α	0.6
		440V	Α	0.25
	DC23A (poles in series)			
		24V	Α	16 (1)
		48V	Α	16 (2)
		60V	Α	16 (3)
		110V	Α	10 (3)
		220V	Α	7 (4)
	DC13			
		24V	Α	16
		48V	Α	14
		60V	Α	10
		110V	Α	1
		220V	Α	0.4
		440V	Α	0.15
Power dissipation			W	0.6
Mechanical features				0.0
Terminals screw				3M
Tightening torque for te	erminals may		Nm	0.5
Conductor size	errilliais max		INIII	0.5
Conductor Size	AWC Bigid cable			
	AWG - Rigid cable		A1A/C	20
		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 <sup>6</sup>
UL technical data				
Motor power for direct-	-on-line control			_
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
		480V	HP	5
		600V	HP	5
	for single-phase motor			
	<u> </u>			0.75
		120V	HP	
		120V 240V	HP HP	
Ambient conditions		120V 240V	HP HP	1
Ambient conditions Temperature				
Ambient conditions Temperature	Operating temperature			
	Operating temperature	240V	HP	1
	Operating temperature	240V min	HP °C	-25
		240V	HP	1
	Operating temperature  Storage temperature	240V min	HP °C	-25

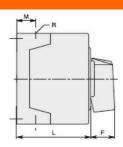


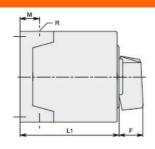
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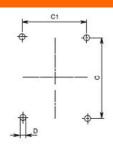
Resistance & Protection
Frontal IP degree
IP65
Terminals IP degree
IP20

### Dimensions



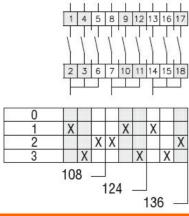






GX16 GX20	90x90	1-2	3-5 3-5	90	90	79	79	4.5	25	19	30	71.3	98.3	4xPG16	IP65
GX16	110x110	1 - 3	4-7		1		3			l i			1		
GX20		1 - 3	4-7	110	110	00.4	00	4.5	20	04	20.5	05.5	110 5	40004	IDCC
GX32	1	1 - 2	3-4	110	110	98.4	83	4.5	32	21	39.5	85.5	119.5	4xPG21	IP65
GX40		1 - 2	3-4												

### 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