

Product designation			Rotary cam
Product type designation			switches GX16
General characteristics			GATO
Switching diagram			53 - Changeover switch 3 poles - 2 speed motor starting with separate windings
N° of elements			3
Mounting form			U11 - Front mounting with black handle without front plate for hole diam. 22mm fixing
Contact characteristics			
Rated insulation voltage Ui	IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith	IEC/EN UL/CSA	A A	16 12
Rated operational voltage	01/05/	 V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			·
	10kA 15kA 25kA	A A A	16 16 16
Rated short time current Icw	1s	kA	250
Conductivity			10/5 mA/V
Operational current le IEC/EN AC1/AC21A			10
AC15		A	16
ACTS	110V 220/230V	A A	10 8
	380/400V 660/690V	A	4 1.5
Rated operational power in AC	880/8907	A	1.5
Three-phase AC-3	220/2201/		2.5
	220/230V 380/440V	kW kW	3.5 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 380/440V	kW kW	3.7 6.5
	550,7740	IX V V	0.0

GX1653U11



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 Max mm² 2.5 Max mm² 2.5 Max mm² 2.5 Mechanical life cycles 1X10°					
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220/230V kW 1.8 380/400V kW 3 Rated operational current in DC DC21A 48V A 16 60V A 4 220V A 0.6 110V A 4 220V A 0.6 2202 A 16 (1) 48V A 16 (2) 0C23A (poles in series) 24V A 16 (2) 60V A 16 (2) 0C13 24V A 16 (2) 60V A 16 (3) 0C13 24V A 16 48V A 14 60V A 10 (3) 110V A 1 220V A 0.1 220V A 0.1 Mechanical features W 0.6 Mechanical features Mechanical features Terminals screw 3M Tightening torque for terminals max Nm 0.5 Conductor size (IEC) - Flexible cable min< AWG		Single-phase AC23A			
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Rated operational current in DC DC21A 48V A 16 60V A 16 60V A 4 220V A 0.6 440V A 0.25 DC23A (poles in series) 24V A 16 (1) 48V A 16 (2) 0000 A 16 (2) 60V A 16 (3) 110V A 10 (3) 110V A 10 (3) 220V A 7 (4) 0.10 100V A 1 DC13 24V A 16 48V A 14 60V A 10 (3) 10V A 1 220V A 0.4 440V A 0.5 Power dissipation W 0.6 Maximum 0.5 Conductor size MG - Rigid cable Mm 0.5 Maximum 2.5 Conductor size (IEC) - Flexible cable min AWG 20 Max Mm 2.5 Motor power for dire			220/230V	kW	1.8
Rated operational current in DC DC21A 48V A 16 60V A 16 60V A 4 220V A 0.6 440V A 0.25 DC23A (poles in series) 24V A 16 (1) 48V A 16 (2) 0000 A 16 (2) 60V A 16 (3) 110V A 10 (3) 110V A 10 (3) 220V A 7 (4) 0.10 100V A 1 DC13 24V A 16 48V A 14 60V A 10 (3) 10V A 1 220V A 0.4 440V A 0.5 Power dissipation W 0.6 Maximum 0.5 Conductor size MG - Rigid cable Mm 0.5 Maximum 2.5 Conductor size (IEC) - Flexible cable min AWG 20 Max Mm 2.5 Motor power for dire			380/440V	kW	3
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240V HP 3 480V HP 5 600V HP 5 for single-phase motor 120V HP 0.75	UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable ect-on-line control	Max min Max min Max min	AWG AWG AWG mm ² mm ² mm ²	12 20 12 0.5 2.5 0.5 2.5
480V HP 5 600V HP 5 for single-phase motor 120V HP 0.75	UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable ect-on-line control	Max min Max min Max min Max	AWG AWG AWG mm ² mm ² mm ² cycles	12 20 12 0.5 2.5 0.5 2.5 1X10 ⁶
600V HP 5 for single-phase motor 120V HP 0.75	UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable ect-on-line control	Max min Max min Max 120V	AWG AWG AWG mm ² mm ² mm ² cycles	12 20 12 0.5 2.5 0.5 2.5 1X10 ⁶
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120V HP 0.75	UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable ect-on-line control	Max min Max min Max min Max 120V 240V 480V	AWG AWG mm ² mm ² mm ² cycles	12 20 12 0.5 2.5 0.5 2.5 1X10° 1.5 3 5
	UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable ect-on-line control for three-phase motor	Max min Max min Max min Max 120V 240V 480V	AWG AWG mm ² mm ² mm ² cycles	12 20 12 0.5 2.5 0.5 2.5 1X10° 1.5 3 5
240V HP 1	UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable ect-on-line control for three-phase motor	Max min Max min Max min Max 120V 240V 480V 600V	AWG AWG AWG mm ² mm ² mm ² cycles	12 20 12 0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 5 5
	UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable ect-on-line control for three-phase motor	Max min Max min Max min Max 120V 240V 480V 600V	AWG AWG AWG mm ² mm ² mm ² cycles	12 20 12 0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 5 5

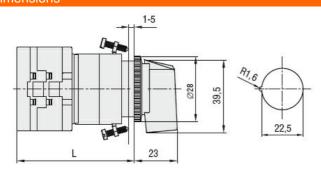
Ambient conditions

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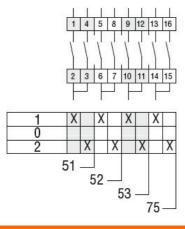
Temperature

Operating temperature				
	min	°C	-25	
	max	°C	+55	
Storage temperature				
	min	°C	-40	
	max	°C	+70	
Resistance & Protection				
Frontal IP degree			IP65	
Terminals IP degree			IP20	
Dimensions				



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

Wiring diagrams



Certifications and compliance 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	

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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



ETIM 8.0

EC001029 -Selector switch, complete