

ENERGY AND AUTOMATION

ROTARY CAM SWITCH GX SERIES, CHANGEOVER SWITCH WITHOUT 0, 3 POLES 16A, FOR FRONT MOUNTING WITH BLACK HANDLE WITHOUT FRONT PLATE FOR HOLE Ø22MM FIXING

Product type designation SAT6 Seneral characteristics Switching diagram So Selection So Selection So Selection So Selection So Selection So Selection Se	Product designation				Rotary cam switches
Switching diagram 56 - Chanagoout of 3 poles N" of elements 3 N" of elements 3 Mounting form UIT1 - Front mounting with black handle without from phole diam. 22mm fixing Contact characteristics Rated insulation voltage Ui IEC/EN V 600 Rated impulse withstand voltage Uimp kV 6 Conventional free air thermal current Ith IEC/EN A 16 Conventional impulse voltage kV 4 Maximum fuse size for short-circuit protection In (gG) Actional impulse voltage kV 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 16 Rated short time current low 1 0kA A 16 Conductivity 1 0kB A 250 Conductivity 1 0kB A 3 16 AC15 1 10V A 16 AC16 220/230V A 8 360/40V A 4 660/690V A 1.5 Activacta AC16 200/230V KW 3.5 AC16 380/440V KW 3.5 AC16 200/230V KW 3.5 AC16 200/230V KW 3.5 AC16 <t< td=""><td></td><td></td><td></td><td></td><td>GX16</td></t<>					GX16
Mounting form					switch without 0 3
Mounting form mounting with black handle without front plate for hole diam. 22mm fixing for hole diam.	N° of elements				3
Comment Comm					mounting with black handle without front plate for hole diam.
Number N	Rated insulation voltag	e Ui			
Conventional free air thermal current Ith				=	
IEC/EN				kV	6
Rated operational voltage V 440	Conventional free air th	nermal current Ith			
Rated operational impulse voltage KV 4	Rated operational volta	age	0_00.		
Maximum fuse size for short-circuit protection In (gG) 10kA A 16 15kA A 16 25kA A 16 25kA A 16 25kA A 16 Rated short time current lcw 1s kA 250 Conductivity 0perational current le IEC/EN AC1/AC21A 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 2.2 Three-phase AC23A Single-phase AC23A Single-phase AC23A				kV	4
15kA					
Rated short time current Icw 1s			10kA	Α	16
Rated short time current lcw			15kA	Α	16
Three-phase AC-3 Three-phase AC-23A			25kA	Α	16
Operational current le IEC/EN AC1/AC21A 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 6.5 500/690V kW 5.5	Rated short time curre	nt Icw	1s	kA	
AC1/AC21A 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 1.5 380/440V kW 2.2 Three-phase AC23A					10/5 mA/V
A 16 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 3.5 380/440V kW 6.5 500/690V kW 7.5 Single-phase AC23A	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 1.5 380/440V kW 2.2 Three-phase AC23A 220/230V kW 3.7 380/440V kW 6.5 500/690V kW 5.5 Single-phase AC23A		AC1/AC21A		Δ.	40
110V		A 0.4.5		А	16
220/230V		AC15	440\/	۸	10
Single-phase AC23A Single-					
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					
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					
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	Rated operational pow	er in AC			
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					
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			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			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			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		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					
Three-phase AC23A 220/230V kW 3.7 380/440V kW 6.5 500/690V kW 7.5 Single-phase AC23A					
220/230V kW 3.7 380/440V kW 6.5 500/690V kW 7.5 Single-phase AC23A			380/440V	kW	2.2
380/440V kW 6.5 500/690V kW 7.5 Single-phase AC23A		Three-phase AC23A	A = 2 / 2 - 2 · 1		0.7
Single-phase AC23A 500/690V kW 7.5					
Single-phase AC23A					
· ·		Single phase AC22A	500/690V	KVV	<i>(</i> , <i>(</i>)
		Single-phase AC23A	110V	kW	0.75



ENERGY AND AUTOMATION

ROTARY CAM SWITCH GX SERIES, CHANGEOVER SWITCH WITHOUT 0, 3 POLES 16A, FOR FRONT MOUNTING WITH BLACK HANDLE WITHOUT FRONT PLATE FOR HOLE Ø22MM FIXING

		220/230V	kW	1.8
Data Lance Caralana	DO	380/440V	kW	3
Rated operational curr	DC21A			
		48V	Α	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	0.01		4.0
		24V	A	16
		48V	A	14
		60V	A	10
		110V	A	1
		220V	A	0.4
		440V	A	0.15
Power dissipation			W	0.6
Mechanical features				014
Terminals screw				3M
Tightening torque for to	erminals max		Nm	0.5
Conductor size	ANA BUILD			
	AWG - Rigid cable		414/0	00
		min	AWG	20
	AWG - Flexible cable	Max	AWG	12
	AVVG - Flexible Cable	min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable	IVIAA	AVVO	12
	Conductor Size (IEO) Trickible cable	min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable	IVIAX		
	(1-0)g.3 500.0	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			
		120V	HP	1.5
		240V	HP	3
		480V	HP	5
		600V	HP	5
	for single-phase motor			_
		120V	HP	0.75
		240V	HP	1
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25



ENERGY AND AUTOMATION

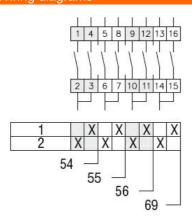
ROTARY CAM SWITCH GX SERIES, CHANGEOVER SWITCH WITHOUT 0, 3 POLES 16A, FOR FRONT MOUNTING WITH BLACK HANDLE WITHOUT FRONT PLATE FOR HOLE Ø22MM FIXING

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

1-5 88 80 96 82 22.5

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