

**GX1653O48** ROTARY CAM SWITCH GX SERIES, CHANGEOVER SWITCH 3 POLES 16A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

Product designation				Rotary cam
-			switches	
Product type designation General characteristics				GX16
Switching diagram				53 - Changeover switch 3 poles - 2 speed motor starting with separate windings
N° of elements				3
Mounting form				O48 - Modular service cover for 35mm din rail mounting with black handle
Contact characteristics Rated insulation voltage	116			
		IEC/EN UL/CSA	V V	690 600
Rated impulse withstand			kV	6
Conventional free air the	rmal current Ith	IEC/EN UL/CSA	A A	16 12
Rated operational voltag	e		V	440
Rated operational impuls			kV	4
	hort-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 IE	C/EN AC1/AC21A			
			A	16
	AC15	110V 220/230V 380/400V	A A A	10 8 4
		660/690V	А	1.5
Rated operational power	<sup>,</sup> in AC Three-phase AC-3			
		220/230V	kW	3.5
		380/440V	kW	4.5
	Single-phase AC-3	500/690V	kW	5.5
	Single-phase AC-5	110V 220/230V	kW kW	0.55 1.5
		380/440V	kW	2.2
	Three-phase AC23A	220/230V	kW	3.7
		380/440V 500/690V	kW kW	6.5 7.5

GX1653O48



**GX1653O48** ROTARY CAM SWITCH GX SERIES, CHANGEOVER SWITCH 3 POLES 16A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

	Single phase ACC24			
	Single-phase AC23A	4401/	1.1.1.1	0.75
		110V	kW	0.75
		220/230V	kW	1.8
Deterlar enetienel en	ment in DO	380/440V	kW	3
Rated operational cur				
	DC21A	401/		4.0
		48V	A	16
		60V	A	16
		110V	A	4
		220V	A	0.6
		440V	A	0.25
	DC23A (poles in series)			
		24V	A	16 (1)
		48V	А	16 (2)
		60V	А	16 (3)
		110V	А	10 (3)
		220V	А	7 (4)
	DC13			
		24V	А	16
		48V	А	14
		60V	А	10
		110V	А	1
		220V	А	0.4
		440V	А	0.15
Power dissipation			W	0.6
Mechanical features				
Terminals screw				3M
Tightening torque for	terminals max		Nm	0.5
Conductor size				
	AWG - Rigid cable			
	AWG Rigid cable	min	AWG	20
		Max	AWG	12
	AWG - Flexible cable	IVICA	ANO	12
	AWG - Flexible cable	min	AWG	20
		min		20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable			0 5
		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	ct-on-line control			
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
		480V	HP	5
		600V	HP	5
	for single-phase motor			
	<b>.</b> .	120V	HP	0.75
		240V	HP	1
Ambient conditions				·

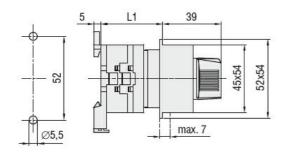
Temperature



ROTARY CAM SWITCH GX SERIES, CHANGEOVER SWITCH 3 POLES 16A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

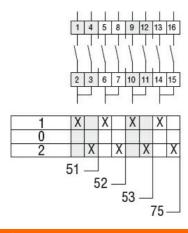
GX1653O48

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			



Series		L1	
	1	2	3
GX16	33	41.5	50
GX20	33	41.5	50

## 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	

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

## GX1653O48



ROTARY CAM SWITCH GX SERIES, CHANGEOVER SWITCH 3 POLES 16A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

ETIM 8.0

EC001105 - Offload switch