



ROTARY CAM SWITCH GX SERIES, VOLTMETER SWITCH FOR PHASE-NEUTRAL AND PHASE-PHASE VOLTAGES 20A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

Product designation				Rotary cam	
-	ion			switches	
Product type designation General characteristics				GX20	
Switching diagram	5			66 - Voltmeter switch for phase- neutral and phase-phase voltages	
N° of elements				3	
Mounting form				O48 - Modular service cover for 35mm din rail mounting with black handle	
Contact characteristics					
Rated insulation voltag		IEC/EN UL/CSA	V V	690 600	
Rated impulse withsta			kV	6	
Conventional free air th	nermal current Ith	IEC/EN UL/CSA	A A	20 15	
Rated operational volta	age		V	440	
Rated operational imp	ulse voltage		kV	4	
Maximum fuse size for	r short-circuit protection In (gG)				
		10kA	А	20	
		15kA	Α	20	
		25kA	A	20	
Rated short time curre	nt Icw	1.0	1. 4	050	
Conductivity		1s	kA	250 10/5 mA/V	
Operational current le				10/5 IIIA/ V	
operational current le	AC1/AC21A		A	20	
	AC15		7	20	
		110V	А	10	
		220/230V	А	8	
		380/400V	Α	6	
		660/690V	A	1.5	
Rated operational pow					
	Three-phase AC-3	220/2201/		0.7	
		220/230V 380/440V	kW kW	3.7 5.5	
		500/690V	kW	5.5	
	Single-phase AC-3	000/000 1	1	0.0	
		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	
	Cingle share A0004	500/690V	kW	7.5	
	Single-phase AC23A				

GX2066O48

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

GX2066O48



ROTARY CAM SWITCH GX SERIES, VOLTMETER SWITCH FOR PHASE-NEUTRAL AND PHASE-PHASE VOLTAGES 20A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

220/2 380/4 ad operational current in DC DC21A		kW kW A A A A A A A A A A A A A A A A A	0.75 2.2 3.5 20 20 4 0.6 0.25 20 (1) 20 (2) 20 (3) 10 (3) 8 (4) 20 16 12 1 0.4 0.15 0.6
380/4 2d operational current in DC DC21A	40V 48V 60V 10V 20V 40V 24V 48V 60V 10V 20V 24V 48V 60V 10V 20V	kW A A A A A A A A A A A A A A A A A A A	3.5 20 20 4 0.6 0.25 20 (1) 20 (2) 20 (3) 10 (3) 8 (4) 20 16 12 1 0.4 0.15
ed operational current in DC DC21A DC23A (poles in series) DC23A (poles in series) DC13	48V 60V 10V 20V 40V 24V 48V 60V 20V 24V 48V 60V 10V 20V	A A A A A A A A A A A A A A A A A A	20 20 4 0.6 0.25 20 (1) 20 (2) 20 (3) 10 (3) 8 (4) 20 16 12 1 0.4 0.15
DC21A	60V 10V 20V 40V 24V 48V 60V 10V 20V 24V 48V 60V 10V 20V	A A A A A A A A A A A A A A A A A	20 4 0.6 0.25 20 (1) 20 (2) 20 (3) 10 (3) 8 (4) 20 16 12 1 0.4 0.15
1 2 DC23A (poles in series) 1 2 DC13 1 2 DC13 1 1 2 DC13 1 1 2 DC13 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 2 1 2 1 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	60V 10V 20V 40V 24V 48V 60V 10V 20V 24V 48V 60V 10V 20V	A A A A A A A A A A A A A A A A A	20 4 0.6 0.25 20 (1) 20 (2) 20 (3) 10 (3) 8 (4) 20 16 12 1 0.4 0.15
Image: state stat	60V 10V 20V 40V 24V 48V 60V 10V 20V 24V 48V 60V 10V 20V	A A A A A A A A A A A A A A A A A	20 4 0.6 0.25 20 (1) 20 (2) 20 (3) 10 (3) 8 (4) 20 16 12 1 0.4 0.15
AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable hanical life echnical life echnical life echnical life echnical life	10V 20V 40V 24V 48V 60V 10V 20V 24V 48V 60V 10V 20V	A A A A A A A A A A A A A A A	4 0.6 0.25 20 (1) 20 (2) 20 (3) 10 (3) 8 (4) 20 16 12 1 0.4 0.15
2 4 DC23A (poles in series) 1 2 DC13 1 2 DC13 1 2 4 er dissipation hanical features ninals screw tening torque for terminals max ductor size AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable hanical life echnical data or power for direct-on-line control	20V 40V 24V 48V 60V 10V 20V 24V 48V 60V 10V 20V	A A A A A A A A A A A A A A	0.6 0.25 20 (1) 20 (2) 20 (3) 10 (3) 8 (4) 20 16 12 1 0.4 0.15
4 DC23A (poles in series) 1 2 DC13 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	40V 24V 48V 60V 10V 20V 24V 48V 60V 10V 20V	A A A A A A A A A A A A	0.25 20 (1) 20 (2) 20 (3) 10 (3) 8 (4) 20 16 12 1 0.4 0.15
DC23A (poles in series) DC23A (poles in series) 1 2 DC13 1 2 er dissipation hanical features ninals screw tening torque for terminals max ductor size AWG - Rigid cable AWG - Rigid cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable hanical life echnical data or power for direct-on-line control	24V 48V 60V 10V 20V 24V 48V 60V 10V 20V	A A A A A A A A A A	20 (1) 20 (2) 20 (3) 10 (3) 8 (4) 20 16 12 1 0.4 0.15
Image: state stat	48V 60V 10V 20V 24V 48V 60V 10V 20V	A A A A A A A A A	20 (2) 20 (3) 10 (3) 8 (4) 20 16 12 1 0.4 0.15
1 DC13 er dissipation hanical features ninals screw tening torque for terminals max ductor size AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable hanical life echnical data or power for direct-on-line control	48V 60V 10V 20V 24V 48V 60V 10V 20V	A A A A A A A A A	20 (2) 20 (3) 10 (3) 8 (4) 20 16 12 1 0.4 0.15
1 DC13 er dissipation hanical features ninals screw tening torque for terminals max ductor size AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable brown call life echnical life echnical data or power for direct-on-line control	60V 10V 20V 24V 48V 60V 10V 20V	A A A A A A A A	20 (2) 20 (3) 10 (3) 8 (4) 20 16 12 1 0.4 0.15
Image: series of the series	10V 20V 24V 48V 60V 10V 20V	A A A A A A A A	20 (3) 10 (3) 8 (4) 20 16 12 1 0.4 0.15
Image: series of the series	10V 20V 24V 48V 60V 10V 20V	A A A A A A A A	10 (3) 8 (4) 20 16 12 1 0.4 0.15
2 DC13 DC13 1 er dissipation hanical features ninals screw tening torque for terminals max ductor size AWG - Rigid cable AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable hanical life echnical data or power for direct-on-line control	20V 24V 48V 60V 10V 20V	A A A A A A A	8 (4) 20 16 12 1 0.4 0.15
DC13 PC13 PC13 PC13	24V 48V 60V 10V 20V	A A A A A	20 16 12 1 0.4 0.15
1 2 4 er dissipation hanical features ninals screw tening torque for terminals max ductor size AWG - Rigid cable AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable hanical life echnical data or power for direct-on-line control	48V 60V 10V 20V	A A A A	16 12 1 0.4 0.15
1 2 4 er dissipation hanical features ninals screw tening torque for terminals max ductor size AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable hanical life echnical data or power for direct-on-line control	48V 60V 10V 20V	A A A A	16 12 1 0.4 0.15
1 2 4 er dissipation hanical features ninals screw tening torque for terminals max ductor size AWG - Rigid cable AWG - Flexible cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable hanical life echnical data or power for direct-on-line control	60V 10V 20V	A A A A	12 1 0.4 0.15
1 1 2 4 er dissipation 4 hanical features 6 ninals screw 6 tening torque for terminals max 6 ductor size AWG - Rigid cable AWG - Flexible cable 6 Conductor size (IEC) - Flexible cable 6 Conductor size (IEC) - Rigid cable 6 hanical life 6 echnical data 6 or power for direct-on-line control 6	10V 20V	A A A	1 0.4 0.15
2 4 er dissipation hanical features ninals screw tening torque for terminals max ductor size AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable hanical life echnical data or power for direct-on-line control	20V	A A	0.4 0.15
4 er dissipation hanical features ninals screw tening torque for terminals max ductor size AWG - Rigid cable AWG - Flexible cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable hanical life echnical data or power for direct-on-line control		А	0.15
er dissipation hanical features ninals screw tening torque for terminals max ductor size AWG - Rigid cable AWG - Flexible cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable hanical life echnical data or power for direct-on-line control	101/		
hanical features ninals screw tening torque for terminals max ductor size AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Flexible cable Image: Conductor size (IEC) - Rigid cable Image: Conductor size (IEC) - Rigid cable Amical life echnical data or power for direct-on-line control	40 0	147	0.6
hinals screw tening torque for terminals max ductor size AWG - Rigid cable AWG - Flexible cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable hanical life echnical data or power for direct-on-line control		W	
tening torque for terminals max ductor size AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable hanical life echnical data or power for direct-on-line control			
ductor size AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable hanical life echnical data or power for direct-on-line control			M3
ductor size AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable hanical life echnical data or power for direct-on-line control		Nm	0.8
AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable hanical life echnical data or power for direct-on-line control			
AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable hanical life echnical data or power for direct-on-line control			
AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable hanical life echnical data or power for direct-on-line control	min	AWG	20
AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable hanical life echnical data or power for direct-on-line control	Max	AWG	12
Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable hanical life echnical data or power for direct-on-line control	WICAN	/0	12
Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable hanical life echnical data or power for direct-on-line control	min	AWG	20
Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable hanical life echnical data or power for direct-on-line control	min May		
Conductor size (IEC) - Rigid cable hanical life echnical data or power for direct-on-line control	Max	AWG	12
Conductor size (IEC) - Rigid cable hanical life echnical data or power for direct-on-line control			0.5
Conductor size (IEC) - Rigid cable hanical life echnical data or power for direct-on-line control	min	mm²	0.5
hanical life echnical data or power for direct-on-line control	Max	mm²	2.5
hanical life echnical data or power for direct-on-line control			
hanical life echnical data or power for direct-on-line control	min	mm²	0.5
echnical data or power for direct-on-line control		mm²	2.5
or power for direct-on-line control	Max	cycles	1X10⁵
וטו מוויסט פוומסט ווטנטו			
			1.5
		HP	
	Max 20V		3
	Max 20V 40V	HP	3 5
	Max 20V 40V 80V	HP HP	5
for single-phase motor	Max 20V 40V	HP	
	Max 20V 40V 80V 00V	HP HP HP	5 5
	Max 20V 40V 80V 00V 20V	HP HP HP	5 5 0.75
vient conditions	Max 20V 40V 80V 00V	HP HP HP	5 5
perature	Max 20V 40V 80V 00V 20V	HP HP HP	5 5 0.75

Operating temperature

GX2066O48

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

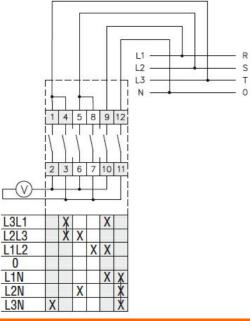
GX2066O48



ROTARY CAM SWITCH GX SERIES, VOLTMETER SWITCH FOR PHASE-NEUTRAL AND PHASE-PHASE VOLTAGES 20A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

	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			

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

GX2066O48