

GX2012P ENCLOSED ROTARY CAM SWITCH GX SERIES, STAR-DELTA MOTOR STARTER SWITCH 20A IN PLASTIC ENCLOSURE 90X90MM WITH BLACK HANDLE

Product designation			Enclosed rotary
-			cam switch
Product type designation General characteristics			GX20
General characteristics			12 - Star-delta
Switching diagram			motor starter switch
N° of elements			4
Mounting form			P - Plastic enclosure with black handle
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith			
	IEC/EN	А	20
	UL/CSA	А	15
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection			
	10kA	A	20
	15kA	A	20
	25kA	A	20
Rated short time current Icw			
	1s	A	250
			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		۸	20
AC15		A	20
AC15	110V	А	10
	220/230V	A	8
	380/400V	A	6
	660/690V	A	1.5
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	3.7
	380/440V	kW	5.5
	500/690V	kW	5.5
Single-phase AC-3			
	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
Circle share A 000A	500/690V	kW	7.5
Single-phase AC23A	44014	1.1.1.1	0.75
	110V 220/230V	kW kW	0.75 2.2
	380/440V	кvv kW	2.2 3.5
	300/4400	L A A	0.0



48V

60V

А

А

20

20

Rated operational current in DC DC21A

		60 V	A	20	
		110V	А	4	
		220V	А	0.6	
		440V	A	0.25	
	DC23A (poles in series)			0.20	
		24V	А	20 (1)	
		48V	A	20 (2)	
		60V	A	20 (3)	
		110V	A	10 (3)	
		220V	A	8 (4)	
	DC13				
		24V	A	20	
		48V	Α	16	
		60V	А	12	
		110V	А	1	
		220V	А	0.4	
		440V	А	0.15	
Power dissipation		1101	W	0.6	
Mechanical features			vv	0.0	
				M3	
Terminals screw	· · · · • • • • • • • • • • • • • • • •		N.L.		
Tightening torque for te	erminais max		Nm	0.8	
Conductor size					
	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) Divid ashle	IVIdA	111111	2.5	
	Conductor size (IEC) - Rigid cable			0.5	
		min	mm²	0.5	
		Max	mm²	2.5	
Mechanical life			cycles	1X10 ⁶	
UL technical data					
Motor power for direct					
	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	
			HP	1.5	
Ambient conditions		240V	٦٣	1.0	
Ambient conditions					
Temperature					
	Operating temperature				
		min	°C	-25	
		m	°C		

Storage temperature

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

°C

+55

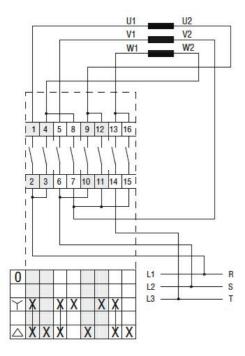
max



GX2012P ENCLOSED ROTARY CAM SWITCH GX SERIES, STAR-DELTA MOTOR STARTER SWITCH 20A IN PLASTIC ENCLOSURE 90X90MM WITH BLACK HANDLE

									m ma			-40 +70
Resistance & Protection Frontal IP degree												IP65
Terminals IP degree												IP20
Dimensions												
		F	-		L1		F	- -			t.	14
GX16 90x90 1 - 2 GX20 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 GX20 1 - 3 1 - 3 GX32 1 - 2 1 - 2 GX40 1 - 2 1 - 2	4 - 7 4 - 7 3 - 4 3 - 4 110	110 98.4	83	4.5	32	21	39.5	85.5	119.5	4xPG21	IP65	-

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		
		EC001029 -
ETIM 8.0		Selector switch, complete

GX2012P