

GX1653P ENCLOSED ROTARY CAM SWITCH GX SERIES, CHANGEOVER SWITCH 3 POLES 16A IN PLASTIC ENCLOSURE 90X90MM WITH BLACK HANDLE

Product designation			Rotary cam
-			switches GX16
Product type designation General characteristics			GX10
Switching diagram			53 - Changeover switch 3 poles - 2 speed motor starting with separate windings
N° of elements			3
Mounting form			P - Plastic enclosure with black handle
Contact characteristics			
Rated insulation voltage Ui	IEC/EN UL/CSA	V V kV	690 600 6
Conventional free air thermal current Ith		ΓV	0
	IEC/EN UL/CSA	A A	16 12
Rated operational voltage		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	20101	7	10
	1s	А	250
Conductivity			10/5 mA/V
Operational current le IEC/EN AC1/AC21A		•	40
AC15		A	16
	110V 220/230V 380/400V 660/690V	A A A A	10 8 4 1.5
Rated operational power in AC			
Three-phase AC-3	220/230V 380/440V 500/690V	kW kW kW	3.5 4.5 5.5
Single-phase AC-3			
	110V 220/230V 380/440V	kW kW kW	0.55 1.5 2.2
Three-phase AC23A	220/230V 380/440V	kW kW	3.7 6.5
	500/690V	kW	7.5
Single-phase AC23A	110V	kW	0.75

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



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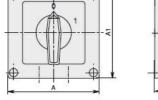
		220/230V	kW	1.8
		380/440V	kW	3
Rated operational cur	rent in DC	000,1101		
	DC21A			
	DCZTA	40\/	^	4.0
		48V	A	16
		60V	А	16
		110V	A	4
		220V	A	0.6
		440V	Α	0.25
	DC23A (poles in series)			
		24V	А	16 (1)
		48V	А	16 (2)
		60V	А	16 (3)
		110V	A	10 (3)
		220V	A	7 (4)
	DC13	220 V	Λ	7 (4)
		0414	^	16
		24V	A	16
		48V	Α	14
		60V	A	10
		110V	Α	1
		220V	А	0.4
		440V	А	0.15
Power dissipation			W	0.6
Mechanical features				
Terminals screw				3M
Tightening torque for	torminals may		Nm	0.5
Conductor size			INIII	0.0
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 coble	IVIdX	11111	2.0
	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 direc	t-on-line control			
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
		480V	HP	5
		400V 600V	HP	5
	for single phase motor	0007	T (F	5
	for single-phase motor	1001		0.75
		120V	HP	0.75
		240V	HP	1
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25

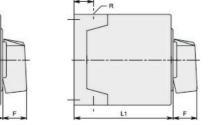
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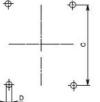


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			max	°C	+55
	Storage temperature				
			min	°C	-40
			max	°C	+70
Resistance & Protecti	ion				
Frontal IP degree					IP65
Terminals IP degree					IP20
Dimensions					
		R	<mark>≪ C1</mark> ⊕	¶ ∲1	

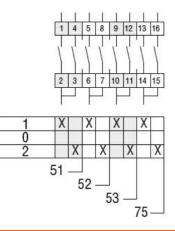






GX16 GX20	90x90	1-2	3-5 3-5	90	90	79	79	4.5	25	19	30	71.3	98.3	4xPG16	IP65
GX16	110x110	1-2	4-7												
GX20		1 - 3	4 - 7	110	110	98.4	83	4.5	32	21	39.5	85.5	119.5	4xPG21	IP65
GX32		1 - 2	3 - 4	110	110	90.4	63	4.5	32	21	39.5	6.66	119.5	4XPGZ I	1600
GX40		1 - 2	3-4												

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

ETIM 8.0

EC001105 - Offload switch