

GX1685P ENCLOSED ROTARY CAM SWITCH GX SERIES, MULTI-STEP 1-2-3-4-5-6, 1 POLE 16A IN PLASTIC ENCLOSURE 90X90MM WITH BLACK HANDLE

Product designation				Enclosed rotary
				cam switch
Product type designat General characteristic				GX16
				85 - Multi-step 1-
Switching diagram				2-3-4-6 1 pole
N° of elements				3
Mounting form				P - Plastic enclosure with
Mounting form				black handle
Contact characteristic	S			
Rated insulation voltage	ge Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withsta			kV	6
Conventional free air t	hermal current Ith			
		IEC/EN	A	16
Deted an anotional valt		UL/CSA	A V	12
Rated operational volt Rated operational imp			kV	440
	r short-circuit protection In (gG)		ĸv	4
Maximum ruse size io	r short-circuit protection in (gG)	10kA	А	16
		15kA	A	16
		25kA	A	16
Rated short time curre	ent Icw			
		1s	А	250
Conductivity				10/5 mA/V
Operational current le	IEC/EN			
	AC1/AC21A			
			Α	16
	AC15			
		110V	A	10
		220/230V	A	8
		380/400V	A	4
Poted operational new	vor in AC	660/690V	A	1.5
Rated operational pow	Three-phase AC-3			
	Thee-phase AC-5	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
	0	500/690V	kW	7.5
	Single-phase AC23A	44014	1.3.47	0.75
		110V 220/230V	kW kW	0.75
		220/230V 380/440V	kvv kW	1.8 3
Rated operational curr	rent in DC	000/770 V	17.6.6	0

Rated operational current in DC

GX1685P

ENERGY AND AUTOMATION

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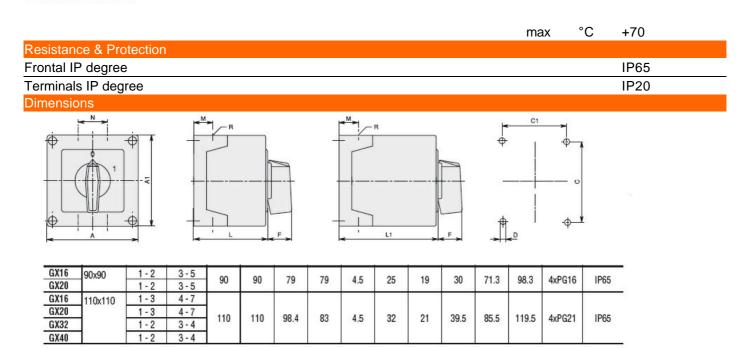
	DC21A			
		48V	А	16
		60V	А	16
		110V	А	4
		220V	А	0.6
		440V	A	0.25
		440 V	Δ.	0.25
	DC23A (poles in series)	0.07		10 (1)
		24V	A	16 (1)
		48V	А	16 (2)
		60V	А	16 (3)
		110V	A	10 (3)
		220V	А	7 (4)
	DC13			
		24V	А	16
		48V	A	14
		60V	A	10
		110V	A	1
		220V	А	0.4
		440V	А	0.15
Power dissipation			W	0.6
Mechanical features				
Terminals screw				3M
Tightening torque for	terminals may		Nm	0.5
			INIII	0.5
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	12
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) Elevible cable	Max	AWG	12
	Conductor size (IEC) - Flexible cable			
	Conductor size (IEC) - Flexible cable	min	mm²	0.5
	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	min	mm²	0.5
		min	mm²	0.5
		min Max	mm² mm²	0.5 2.5
Mechanical life		min Max min	mm² mm² mm² mm²	0.5 2.5 0.5 2.5
Mechanical life		min Max min	mm² mm² mm²	0.5 2.5 0.5
UL technical data	Conductor size (IEC) - Rigid cable	min Max min	mm² mm² mm² mm²	0.5 2.5 0.5 2.5
	Conductor size (IEC) - Rigid cable	min Max min	mm² mm² mm² mm²	0.5 2.5 0.5 2.5
UL technical data	Conductor size (IEC) - Rigid cable	min Max min Max	mm² mm² mm² cycles	0.5 2.5 0.5 2.5 1X10 ⁶
UL technical data	Conductor size (IEC) - Rigid cable	min Max min Max 120V	mm ² mm ² mm ² cycles	0.5 2.5 0.5 2.5 1X10 ⁶
UL technical data	Conductor size (IEC) - Rigid cable	min Max min Max 120V 240V	mm ² mm ² mm ² cycles HP HP	0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3
UL technical data	Conductor size (IEC) - Rigid cable	min Max min Max 120V 240V 480V	mm ² mm ² mm ² cycles	0.5 2.5 0.5 2.5 1X10 ⁶
UL technical data	Conductor size (IEC) - Rigid cable	min Max min Max 120V 240V	mm ² mm ² mm ² cycles HP HP	0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3
UL technical data	Conductor size (IEC) - Rigid cable	min Max min Max 120V 240V 480V	mm ² mm ² mm ² cycles HP HP HP	0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5
UL technical data	Conductor size (IEC) - Rigid cable	min Max min Max 120V 240V 480V 600V	mm ² mm ² mm ² cycles HP HP HP HP	0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 5
UL technical data	Conductor size (IEC) - Rigid cable	min Max min Max 120V 240V 480V 600V 120V	mm ² mm ² mm ² cycles HP HP HP HP	0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 5 0.75
UL technical data Motor power for direc	Conductor size (IEC) - Rigid cable	min Max min Max 120V 240V 480V 600V	mm ² mm ² mm ² cycles HP HP HP HP	0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 5
UL technical data Motor power for direc	Conductor size (IEC) - Rigid cable	min Max min Max 120V 240V 480V 600V 120V	mm ² mm ² mm ² cycles HP HP HP HP	0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 5 0.75
UL technical data Motor power for direc	Conductor size (IEC) - Rigid cable et-on-line control for three-phase motor for single-phase motor	min Max min Max 120V 240V 480V 600V 120V	mm ² mm ² mm ² cycles HP HP HP HP	0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 5 0.75
UL technical data Motor power for direc	Conductor size (IEC) - Rigid cable	min Max min Max 120V 240V 480V 600V 120V	mm ² mm ² mm ² cycles HP HP HP HP HP	0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 5 0.75
UL technical data Motor power for direc	Conductor size (IEC) - Rigid cable et-on-line control for three-phase motor for single-phase motor	min Max min Max 120V 240V 480V 600V 120V	mm ² mm ² mm ² cycles HP HP HP HP	0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 5 0.75
UL technical data Motor power for direc	Conductor size (IEC) - Rigid cable et-on-line control for three-phase motor for single-phase motor	min Max min Max 120V 240V 480V 600V 120V 240V	mm ² mm ² mm ² cycles HP HP HP HP HP	0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 5 0.75 1
UL technical data Motor power for direc	Conductor size (IEC) - Rigid cable xt-on-line control for three-phase motor for single-phase motor Operating temperature	min Max min Max 120V 240V 480V 600V 120V 240V 240V	mm ² mm ² mm ² cycles HP HP HP HP HP HP	0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 5 0.75 1
UL technical data Motor power for direc	Conductor size (IEC) - Rigid cable et-on-line control for three-phase motor for single-phase motor	min Max min Max 120V 240V 480V 600V 120V 240V 240V	mm ² mm ² mm ² cycles HP HP HP HP HP HP	0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 5 0.75 1

GX1685P

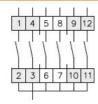
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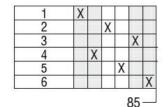


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Wiring diagrams





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

EC001029 -Selector switch, complete