

ROTARY CAM SWITCH GX SERIES, STAR-DELTA MOTOR STARTER SWITCH 16A, FOR FRONT MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0 AND PROTECTION COVERS, FRONT PLATE 48X48MM

GX1612U25

Product designation			Rotary cam
-			switches
Product type designation General characteristics			GX16
Switching diagram			12 - Star-delta motor starter switch
N° of elements			4
Mounting form Contact characteristics			U25 - Front mounting with red/yellow handle padlockable in 0 and protection covers
Rated insulation voltage Ui			
	IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith	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	2010 (
	1s	kA	250
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		А	16
AC15	110V	A	10
	220/230V	А	8
	380/400V	A	4
	660/690V	A	1.5
Rated operational power in AC			
Three-phase AC-3	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
Cingle at an ACCOA	500/690V	kW	7.5
Single-phase AC23A	110V	kW	0.75

GX1612U25

ENERGY AND AUTOMATION

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		220/230V	kW	1.8
		380/440V	kW	3
Rated operational cur				
	DC21A	40\/	^	10
		48V	A	16
		60V	A	16
		110V	A	4
		220V	A	0.6
		440V	A	0.25
	DC23A (poles in series)	241	^	40 (4)
		24V	A	16 (1)
		48V	A	16 (2)
		60V	А	16 (3)
		110V	А	10 (3)
		220V	A	7 (4)
	DC13		_	
		24V	A	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			
		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) - Rigid cable			-
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	1X10 ⁶
UL technical data			0,000	
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	0001		<u> </u>
		120V	HP	0.75
Ambiantegralitien		240V	HP	1
Ambient conditions				
Temperature	Operating temperature			
	Operating temperature		•	05
		min	°C	-25

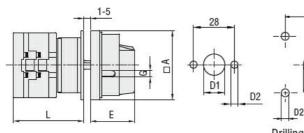
GX1612U25



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	max	°C	+55
Storage temperature			
	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP65
Terminals IP degree			IP20
Dimensione			

Dimensions



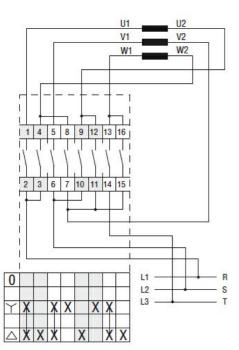


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Cariaa			Dime	nsions			L			
Series	$\Box A$	D1	D2	E	G	□K	1	2	3	12
GX16	48	12	5	34.2	5	36	43	51.5	60	136.5
GX20	48	12	5	34.2	5	36	43	51.5	60	136.5
GX32	65	14	5	38	6	48	51	63	75	183
GX40	65	14	5	38	6	48	51	63	75	183

Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 14
IEC/EN/BS 60947-1
IEC/EN/BS 60947-3

GX1612U25

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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	IEC/EN/BS 60947-5-1	
	IEC/EN/BS 61058-1	
	UL60947-4-1	
Certificates		
	cULus	
	EAC	
ETIM classification		
		EC001029 -
ETIM 8.0		Selector switch,

Selector switch, complete

GX1612U25