

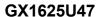
ENERGY AND AUTOMATION

Product type designation	on.			Rotary cam switches GX16
Product type designation General characteristics				GAIO
Switching diagram				25 - 1-phase motor reversing switch with spring return
N° of elements				2
Mounting form Contact characteristics				U47 - Snap on fron mounting with black handle for hole diam. 22mm finxing
Rated insulation voltage	2 i			
		IEC/EN UL/CSA	V V	690 600
Rated impulse withstan	• •		kV	6
Conventional free air th	ermal current Ith	IEC/EN UL/CSA	A A	16 12
Rated operational volta	ge		V	440
Rated operational impulse voltage			kV	4
Maximum fuse size for	short-circuit protection In (gG)			
		10kA	Α	16
		15kA	Α	16
		25kA	Α	16
Rated short time currer	nt Icw	1s	kA	250
Conductivity				10/5 mA/V
Operational current le l				
	AC1/AC21A		Α	16
	AC15			
		110V	Α	10
		220/230V	Α	8
		380/400V	Α	4
		660/690V	A	1.5
Rated operational power				
	Three-phase AC-3	000/0001	1-147	0.5
		220/230V 380/440V	kW	3.5
		500/690V	kW kW	4.5 5.5
	Single-phase AC-3	300/090 V	KVV	5.5
	Single-phase AC-3	110V	kW	0.55
		220/230V	kW	1.5
		380/440V	kW	2.2
	Three-phase AC23A	330/1101		
		220/230V	kW	3.7
		380/440V	kW	6.5
		500/690V	kW	7.5
	Single-phase AC23A	110V	kW	0.75
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		220/230V	kW	1.8
		380/440V	kW	3
Rated operational curre	ent in DC	000/1101	1000	
	DC21A			
		48V	Α	16
		60V	Α	16
		110V	Α	4
		220V	Α	0.6
		440V	Α	0.25
	DC23A (poles in series)			
		24V	Α	16 (1)
		48V	Α	16 (2)
		60V	Α	16 (3)
		110V	Α	10 (3)
		220V	Α	7 (4)
	DC13			
		24V	Α	16
		48V	A	14
		60V	Α	10
		110V	Α	1
		220V	Α	0.4
		440V	A	0.15
Power dissipation			W	0.6
Mechanical features				21.1
Terminals screw				3M
Tightening torque for te	erminals max		Nm	0.5
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
	AMO EL TIL LI	Max	AWG	12
	AWG - Flexible cable	•.	414/0	00
		min	AWG	20
	Conductor size (IEC). Flexible coble	Max	AWG	12
	Conductor size (IEC) - Flexible cable	min	mama ²	0 F
		min Mov	mm²	0.5
	Conductor size (IEC) - Rigid cable	Max	mm²	2.5
	Conductor size (IEC) - Rigid cable	min	mm²	0.5
		Max	mm²	2.5
Mechanical life		IVIAX	cycles	1X10 ⁶
UL technical data			Cycles	17/10
Motor power for direct-	on-line control			
otor power for undet-	for three-phase motor			
	io. alloo phaco motol	120V	HP	1.5
		240V	HP	3
		480V	HP	5
		600V	HP	5
	for single-phase motor			
		120V	HP	0.75
		240V	HP	1
Ambient conditions		2.57		
Temperature				
- F	Operating temperature			
	1 0	min	°C	-25
				-





	max	°C	+55
Storage temperature			
	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP65
Terminals IP degree			IP20
ETIM classification			
ETIM 8.0			EC001029 - Selector switch, complete