

ENERGY AND AUTOMATION

Product type designation GX16 General characteristics 25-1-phase montor reversing switch with spring return N° of elements 2 N° of elements 2 Recent of the product of	Product designation				Rotary cam switches
Switching diagram Swit	Product type designation	on			
Switching diagram Switch with spring switch with spring return Switch with sprin					
Mounting form Water Wat					motor reversing switch with spring
Mounting form	N° of elements				
Rated insulation voltage Ui					fron mounting with black handle for hole diam.
Rated impulse withstand voltage Uimp					
Conventional free air thermal current Ith				V	600
IEC/EN				kV	6
Rated operational impulse voltage RV 4	Conventional free air th	ermal current Ith			
Maximum fuse size for short-circuit protection In (gG) 10kA A 16 15kA A 16 25kA A 16 Rated short time current Icw 1s A 250 Conductivity 1s A 250 Conductivity 1s A 16 AC1/5 AC1/AC21A AC15 110V A 10 220/230V A 8 380/400V A 1.5 Rated operational power in AC Three-phase AC-3 Rated operational power in AC Three-phase AC-3 Single-phase AC-3 110V kW 0.55 220/230V kW 5.5 Single-phase AC23A 110V kW 0.55 220/230V kW 1.5 380/440V kW 2.2 Three-phase AC23A Single-phase AC23A Single-phase AC23A	Rated operational volta	ige		V	440
10kA	Rated operational impulse voltage			kV	4
15kA	Maximum fuse size for	short-circuit protection In (gG)			
Rated short time current Icw 1s				Α	
Rated short time current lcw					
Three-phase AC-34 Three-phase AC-23A Three-phase AC-23A Three-phase AC-23A Total mark of the color			25kA	Α	16
Operational current le IEC/EN AC1/AC21A AC15 110V A 10 220/230V A 8 380/400V 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 1.5 380/440V kW 2.2 Three-phase AC23A 220/230V kW 3.7 380/440V kW 2.5 Single-phase AC23A		nt Icw	1s	Α	
AC1/AC21A AC15 T110V A 10 220/230V A 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 1.5 380/440V kW 2.2 Three-phase AC23A					10/5 mA/V
AC15 110V A 10 220/230V A 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 1.5 380/440V kW 2.2 Three-phase AC23A 220/230V kW 3.7 380/440V kW 2.5 Single-phase AC23A 220/230V kW 3.7 380/440V kW 6.5 500/690V kW 7.5	Operational current le			А	16
110V		AC15			
Rated operational power in AC Three-phase AC-3 220/230V kW 3.5 380/440V kW 4.5 500/690V kW 5.5			110V	Α	10
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 6.5 500/690V kW 7.5 Single-phase AC23A			220/230V	Α	8
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 6.5 500/690V kW 7.5 Single-phase AC23A			380/400V	Α	4
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 6.5 500/690V kW 7.5 Single-phase AC23A			660/690V	Α	1.5
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 6.5 500/690V kW 7.5 Single-phase AC23A	Rated operational power				
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 6.5 500/690V kW 7.5 Single-phase AC23A		Three-phase AC-3			
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 6.5 500/690V kW 7.5 Single-phase AC23A					
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 6.5 500/690V kW 7.5 Single-phase AC23A					
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 6.5 500/690V kW 7.5 Single-phase AC23A		Cingle phase AC 2	500/6907	KVV	5.5
220/230V kW 1.5 380/440V kW 2.2 Three-phase AC23A 220/230V kW 3.7 380/440V kW 6.5 500/690V kW 7.5 Single-phase AC23A		Single-phase AC-3	110\/	L/V /	0.55
380/440V kW 2.2 Three-phase AC23A 220/230V kW 3.7 380/440V kW 6.5 500/690V kW 7.5 Single-phase AC23A					
Three-phase AC23A 220/230V kW 3.7 380/440V kW 6.5 500/690V kW 7.5 Single-phase AC23A					
220/230V kW 3.7 380/440V kW 6.5 500/690V kW 7.5 Single-phase AC23A		Three-phase AC23A	330/1101	,	
380/440V kW 6.5 500/690V kW 7.5 Single-phase AC23A		,	220/230V	kW	3.7
Single-phase AC23A 500/690V kW 7.5					
110V kW 0.75		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			
	DC21A			
		48V	Α	16
		60V	Α	16
		110V	Α	4
		220V	Α	0.6
	D0004 (1 : : :)	440V	Α	0.25
	DC23A (poles in series)	0.417	^	40 (4)
		24V	A	16 (1)
		48V 60V	A A	16 (2)
		110V	A	16 (3) 10 (3)
		220V	A	7 (4)
	DC13	220 V		7 (4)
		24V	Α	16
		48V	A	14
		60V	A	10
		110V	Α	1
		220V	Α	0.4
		440V	Α	0.15
Power dissipation			W	0.6
Mechanical features				
Terminals screw				3M
Tightening torque for to	erminals 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		2	0.5
		min	mm²	0.5
	Conductor size (IEC) Digid coble	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			0,000	12010
Motor power for direct-	-on-line control			
1 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	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
		240V	HP	1
Ambient conditions				
Temperature				
	Operating temperature			
		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