**ENERGY AND AUTOMATION** 

## ROTARY CAM SWITCH GX SERIES, CHANGEOVER SWITCH WITHOUT 0 3 POLES 32A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

Product designation				Rotary cam switches
Product type designation General characteristics				GX32
Switching diagram				56 - Changeover switch without 0 3 poles
N° of elements				3
Mounting form				Front mounting with black handle (U)
Contact characteristics				
Rated insulation voltage	e Ui			
		IEC/EN	V	690
Data d improdes with star	ad valtaga I ligan	UL/CSA	V	600
Rated impulse withstand voltage Uimp  Conventional free air thermal current Ith			kV	6
Conventional free air tr	nermal current ith	IEC/EN	۸	22
		IEC/EN UL/CSA	A A	32 32
Rated operational volta	ane	OLICSA	$\frac{\lambda}{V}$	440
Rated operational impu			kV	4
	short-circuit protection In (gG)			
11107111101111101010120101	enert eneatt protestion in (ge)	10kA	Α	35
		15kA	Α	35
		25kA	Α	35
Rated short time curren	nt Icw			
		1s	Α	1000
Conductivity				10/5 mA/V
Operational current le	IEC/EN			
	AC1/AC21A			
			Α	32
	AC15			
		110V	Α	25
		220/230V	A	20
		380/400V	A	10
Dated energtional new	or in AC	660/690V	Α	2
Rated operational pow	Three-phase AC3			
	Tillee-pilase AC3	220/230V	kW	7.5
		380/440V	kW	11
		500/690V	kW	11
	Single-phase AC3			
	3 1	110V	kW	1.8
		220/230V	kW	3.5
		380/440V	kW	5.5
	Three-phase AC23A			
		220/230V	kW	8
		380/440V	kW	15
		500/690V	kW	15
	Single-phase AC23A			
		110V	kW	2.2
		220/230V	kW	3.5
Datad aparational access	ant in DC	380/440V	kW	6
Rated operational curre	HILIII DC			

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	DC21A				
	DOZTA	48V	Α	32	
		60V	A	32	
		110V	A	5	
		220V	A	0.8	
		440V	A	0.25	
	DC23A (poles in series)			0.20	
	· · (F - · · · · · · · · · · · · · · · · · ·	24V	Α	32 (1)	
		48V	Α	32 (2)	
		60V	Α	32 (3)	
		110V	Α	15 (3)	
		220V	Α	12 (4)	
	DC13				
		24V	Α	32	
		48V	Α	25	
		60V	Α	14	
		110V	Α	3	
		220V	Α	0.5	
		440V	Α	0.15	
Power dissipation			W	1.6	
Mechanical features					
Terminals screw				M4	
Tightening torque for te	erminals max		Nm	1.2	
Conductor size					
	AWG - Rigid cable				
		min	AWG	16	
		Max	AWG	8	
	AWG - Flexible cable				
		min	AWG	16	
	-	Max	AWG	10	
	Conductor size (IEC) - Flexible cable				
		_	_		
		min	mm²	1.5	
		min Max	mm² mm²	1.5 6	
	Conductor size (IEC) - Rigid cable	Max	mm²	6	
	Conductor size (IEC) - Rigid cable	Max min	mm²	1.5	
Machaniaellifa	Conductor size (IEC) - Rigid cable	Max	mm² mm² mm²	1.5 10	
Mechanical life	Conductor size (IEC) - Rigid cable	Max min	mm²	1.5	
UL technical data		Max min	mm² mm² mm²	1.5 10	
	on-line control	Max min	mm² mm² mm²	1.5 10	
UL technical data		Max min Max	mm² mm² mm² cycles	1.5 10 1X10 <sup>6</sup>	
UL technical data	on-line control	Max min Max	mm² mm² mm² cycles	1.5 10 1X10 <sup>6</sup>	
UL technical data	on-line control	Max min Max 120V 240V	mm² mm² cycles	1.5 10 1X10 <sup>6</sup> 3 7.5	
UL technical data	on-line control	Max min Max 120V 240V 480V	mm² mm² cycles	1.5 10 1X10 <sup>6</sup> 3 7.5 15	
UL technical data	on-line control for three-phase motor	Max min Max 120V 240V	mm² mm² cycles	1.5 10 1X10 <sup>6</sup> 3 7.5	
UL technical data	on-line control	Max min Max 120V 240V 480V 600V	mm² mm² cycles  HP HP HP	1.5 10 1X10 <sup>6</sup> 3 7.5 15	
UL technical data	on-line control for three-phase motor	Max min Max  120V 240V 480V 600V	mm² mm² cycles  HP HP HP HP	1.5 10 1X10 <sup>6</sup> 3 7.5 15 15	
UL technical data Motor power for direct-	on-line control for three-phase motor	Max min Max 120V 240V 480V 600V	mm² mm² cycles  HP HP HP	1.5 10 1X10 <sup>6</sup> 3 7.5 15	
UL technical data Motor power for direct-order  Ambient conditions	on-line control for three-phase motor	Max min Max  120V 240V 480V 600V	mm² mm² cycles  HP HP HP HP	1.5 10 1X10 <sup>6</sup> 3 7.5 15 15	
UL technical data Motor power for direct-	on-line control for three-phase motor  for single-phase motor	Max min Max  120V 240V 480V 600V	mm² mm² cycles  HP HP HP HP	1.5 10 1X10 <sup>6</sup> 3 7.5 15 15	
UL technical data Motor power for direct-order  Ambient conditions	on-line control for three-phase motor	Max min Max  120V 240V 480V 600V	mm² mm² cycles  HP HP HP HP	1.5 10 1X10 <sup>6</sup> 3 7.5 15 15	
UL technical data Motor power for direct-order  Ambient conditions	on-line control for three-phase motor  for single-phase motor	Max min Max  120V 240V 480V 600V  120V 240V	mm² mm² cycles  HP HP HP HP	1.5 10 1X10 <sup>6</sup> 3 7.5 15 15	
UL technical data Motor power for direct-order  Ambient conditions	on-line control for three-phase motor  for single-phase motor	Max min Max  120V 240V 480V 600V  120V 240V	mm² mm² cycles  HP HP HP HP HP	1.5 10 1X10 <sup>6</sup> 3 7.5 15 15 1.5 3	
UL technical data Motor power for direct-order  Ambient conditions	on-line control for three-phase motor  for single-phase motor  Operating temperature	Max min Max  120V 240V 480V 600V  120V 240V	mm² mm² cycles  HP HP HP HP HP	1.5 10 1X10 <sup>6</sup> 3 7.5 15 15 1.5 3	

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		max	°C	+70
Resistance & Protecti	on			
Frontal IP degree				IP65
Terminals IP degree				IP20
Dimensions				
Wiring diagrams				
Certifications and com	pliance			
Compliance				
	CSA C22.2 n° 14			
	IEC/EN/BS 60947-1			_
	IEC/EN/BS 60947-3			_
	IEC/EN/BS 60947-5-1			
	IEC/EN/BS 61058-1			
	UL60947-4-1			
Certificates				_
	cULus			
	EAC			_
ETIM classification				
ETIM 8.0				EC001105 - Off- load switch