

GX4053U25

Product designation			Rotary cam switches
Product type designation			GX40
General characteristics			50 01
Switching diagram			53 - Changeover switch 3 poles - 2 speed motor starting with separate windings
N° of elements			3
Mounting form			U25 - Front mounting with red/yellow handle padlockable in 0 and protection covers
Contact characteristics			
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	А	40
	UL/CSA	A	40
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	A	40
	15kA	A	35
	25kA	A	35
Rated short time current Icw	1s	kA	1000
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		А	40
AC15			
	110V	А	25
	220/230V	А	22
	380/400V	A	12
	660/690V	A	2
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	7.5
	380/440V	kW	15
Circle alters AO 0	500/690V	kW	15
Single-phase AC-3	110V	kW	2.2
	220/230V 380/440V	kW kW	4.4 7
Three-phase AC23A	300/4401	r v v	1
Thee-phase ACZSA	220/230V	kW	9
	380/440V	kW	9 18.5
	300/440 V	IX V V	10.0

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		500/690V	kW	15
	Single-phase AC23A			
	5 1 1 1 1	110V	kW	3
		220/230V	kW	5.2
		380/440V	kW	7.5
Rated operational cur	rent in DC			
	DC21A			
		48V	А	40
		60V	А	40
		110V	А	6
		220V	A	0.8
		440V	Α	0.25
	DC23A (poles in series)			
		24V	Α	40 (1)
		48V	А	40 (1)
		60V	А	40 (3)
		110V	A	40 (3)
		220V	A	
	D 040	2200	А	12 (4)
	DC13			
		24V	А	40
		48V	А	32
		60V	А	16
		110V	A	3
		220V	A	0.5
		440V	Α	0.15
Power dissipation			W	1.6
Mechanical features				
Terminals screw				M4
	terminals max		Nm	
Tightening torque for	terminals max		Nm	M4 1.2
			Nm	
Tightening torque for	terminals max AWG - Rigid cable			1.2
Tightening torque for		min	AWG	1.2
Tightening torque for	AWG - Rigid cable	min Max		1.2
Tightening torque for			AWG	1.2
Tightening torque for	AWG - Rigid cable		AWG	1.2
Tightening torque for	AWG - Rigid cable	Max min	AWG AWG AWG	1.2 16 8 16
Tightening torque for	AWG - Rigid cable AWG - Flexible cable	Max	AWG AWG	1.2 16 8
Tightening torque for	AWG - Rigid cable	Max min Max	AWG AWG AWG AWG	1.2 16 8 16 10
Tightening torque for	AWG - Rigid cable AWG - Flexible cable	Max min Max min	AWG AWG AWG AWG mm ²	1.2 16 8 16 10 1.5
Tightening torque for	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max	AWG AWG AWG AWG	1.2 16 8 16 10
Tightening torque for	AWG - Rigid cable AWG - Flexible cable	Max min Max min Max	AWG AWG AWG AWG mm ² mm ²	1.2 16 8 16 10 1.5 6
Tightening torque for	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min	AWG AWG AWG AWG mm ²	1.2 16 8 16 10 1.5
Tightening torque for	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG AWG mm ² mm ²	1.2 16 8 16 10 1.5 6
Tightening torque for t	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max min	AWG AWG AWG AWG mm ² mm ² mm ²	1.2 16 8 16 10 1.5 6 1.5 10
Tightening torque for Conductor size Mechanical life	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max min	AWG AWG AWG AWG mm ² mm ²	1.2 16 8 16 10 1.5 6 1.5
Tightening torque for Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min	AWG AWG AWG AWG mm ² mm ² mm ²	1.2 16 8 16 10 1.5 6 1.5 10
Tightening torque for Conductor size Mechanical life	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min	AWG AWG AWG AWG mm ² mm ² mm ²	1.2 16 8 16 10 1.5 6 1.5 10
Tightening torque for Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min Max	AWG AWG AWG mm ² mm ² mm ² cycles	1.2 16 8 16 10 1.5 6 1.5 10 1X10 ⁶
Tightening torque for Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max 120V	AWG AWG AWG mm ² mm ² mm ² cycles	1.2 16 8 16 10 1.5 6 1.5 10 1.5 10 1.5 5
Tightening torque for Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min Max	AWG AWG AWG mm ² mm ² mm ² cycles	1.2 16 8 16 10 1.5 6 1.5 10 1X10 ⁶
Tightening torque for Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max 120V	AWG AWG AWG mm ² mm ² mm ² cycles	1.2 16 8 16 10 1.5 6 1.5 10 1X10 ⁶ 5 10
Tightening torque for Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min Max 120V 240V 480V	AWG AWG AWG mm ² mm ² mm ² cycles	1.2 16 8 16 10 1.5 6 1.5 10 1X10 [€] 5 10 15
Tightening torque for Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min Max	AWG AWG AWG mm ² mm ² mm ² cycles	1.2 16 8 16 10 1.5 6 1.5 10 1X10 ⁶ 5 10
Tightening torque for Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min Max 120V 240V 480V 600V	AWG AWG AWG mm ² mm ² mm ² cycles HP HP HP HP HP	1.2 16 8 16 10 1.5 6 1.5 10 1X10 ⁶ 5 10 15 15
Tightening torque for Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min Max 120V 240V 480V 600V	AWG AWG AWG mm ² mm ² mm ² cycles HP HP HP HP HP	1.2 16 8 16 10 1.5 6 1.5 10 1X10 ⁶ 5 10 15 15 2
Tightening torque for t Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min Max 120V 240V 480V 600V	AWG AWG AWG mm ² mm ² mm ² cycles HP HP HP HP HP	1.2 16 8 16 10 1.5 6 1.5 10 1X10 ⁶ 5 10 15 15

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,

Selector switch, complete