

ENERGY AND AUTOMATION

Product designation			Rotary cam switches
Product type designation			GN40
General characteristics			<u> </u>
Switching diagram			11
N° of elements			3
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith	JEO/EN	^	40
	IEC/EN	A	40
Dated energianal valtage	UL/CSA	A V	50 480
Rated operational voltage Maximum function for short circuit protection in (aC)		V	480
Maximum fuse size for short-circuit protection In (gG)	25kA	٨	40
	25KA 50kA	A A	40
	63kA	A	40
Rated short time current lcw	UJKA		-
reaction short time current lew	60s	Α	1000
Operational current le IEC/EN			1000
AC1/AC21A			
7.0 I// OZ I//		Α	40
AC15		- , ,	
	110V	Α	25
	220/230V	Α	22
	380/400V	Α	12
	660/690V	Α	2
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	8
	380/440V	kW	15
	500/690V	kW	15
Single-phase AC-3			_
	110V	kW	3
	220/230V	kW	6.5
The state of ACCCA	380/440V	kW	8
Three-phase AC23A	000/0001	1444	0
	220/230V	kW	8
	380/440V 500/690V	kW kW	18.5 22
Single-phase AC23A	300/0907	r\ v V	
Sillyle-pliase AO23A	110V	kW	3
	220/230V	kW	6
	380/440V	kW	11
Rated operational current in DC	330/1101	,	• •
DC21A			
2	48V	Α	40
	60V	Α	40
	110V	Α	6
	220V	Α	0.9





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		24V	Α	40 (1)
		48V	Α	40 (2)
		60V	Α	40 (3)
		110V	Α	20 (3)
		220V	Α	12 (4)
	DC13			
		24V	Α	40
		48V	Α	32
		60V	Α	16
		110V	Α	3
Mechanical features				
Terminals screw				M4
Tightening torque for to	erminals max		Nm	1.2
Conductor size				
	AWG - Rigid cable			
	3	min	AWG	16
		Max	AWG	8
	AWG - Flexible cable	Wiest	71110	
	AWO TICKING GUNC	min	AWG	16
		Max	AWG	10
	Conductor size (IEC) - Flexible cable	IVIAX	700	10
	Conductor size (IEC) - Flexible cable	min	mm²	1 E
		min May		1.5
	O	Max	mm²	6
	Conductor size (IEC) - Rigid cable		2	4 =
		min	mm²	1.5
		Max	mm²	10
Mechanical life			cycles	5x10 ⁶
UL technical data				
Motor power for direct-	on-line control			
	for three-phase motor			
		480V	HP	20
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
	Ctorage temperature	min	°C	-40
		max	°C	+70
Resistance & Protection	on	max	J	. 7 0
Frontal IP degree				IP40
Terminals IP degree				IP00
ETIM classification				11 00
- HIVI Glassification				FC001020
ETIM 8.0				EC001029 - Selector switch,
□ I IIVI O.U				Selector switch,

complete