

ENERGY AND AUTOMATION

Product designation				Rotary cam switches
Product type design				GN20
General characteris	tics			4.4
Switching diagram	tion.			14
Contact characteristic Rated insulation voltage in the contact characteristic contact characteristic characteri				
Rateu irisulation voi	lage Oi	IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withs	stand voltage Uimp	01/00/K	kV	6
	onventional free air thermal current lth			
		IEC/EN	Α	20
		UL/CSA	Α	20
Rated operational voltage			V	480
Maximum fuse size	for short-circuit protection In (gG)			
		10kA	Α	20
		25kA	Α	16
Rated short time cu	rrent Icw			
		1s	Α	250
Operational current				
	AC1/AC21A		_	
	1015		Α	20
	AC15	4401/	^	40
		110V 220/230V	A	10
		380/400V	A A	8 6
		660/690V	A	1.5
Rated operational p	ower in AC	000/030 V		1.0
rated operational p	Three-phase AC-3			
	Throo phace he c	220/230V	kW	3
		380/440V	kW	5.5
		500/690V	kW	5.5
	Single-phase AC-3			
	•	110V	kW	0.8
		220/230V	kW	2.2
		380/440V	kW	3
	Three-phase AC23A			
		220/230V	kW	5
		380/440V	kW	7.5
	01-1-1-1-1-1-1-1-1	500/690V	kW	7.5
	Single-phase AC23A	44017	1-147	0.0
		110V	kW	0.8
		220/230V	kW	2.5
Rated operational c	urrent in DC	380/440V	kW	3.7
Nateu operational C	DC21A			
	DOLIA	48V	Α	20
		60V	A	20
		110V	A	4
		220V	A	0.6
		440V	Α	0.25
	DC23A (poles in series)		<u> </u>	
	,	24V	Α	20 (1)
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		48V	Α	20 (2)
		60V	Α	20 (3)
		110V	Α	10 (3)
		220V	Α	8 (4)
	DC13			
		24V	Α	20
		48V	Α	16
		60V	Α	12
		110V	Α	1
		220V	Α	0.4
		440V	Α	0.15
Mechanical features				
Terminals screw				M3
Tightening torque for te	rminals max		Nm	0.5
Conductor size				
	AWG - Rigid cable			
	3	min	AWG	20
		Max	AWG	12
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable			
	Conductor Size (IEO) Trexiste caste	min	mm²	0.5
	Conductor size (IEC) - Rigid cable	111111		0.0
	Conductor Size (IEO) Trigia cable	Max	mm²	2.5
Mechanical life		IVIAA	cycles	5x10 <sup>6</sup>
UL technical data			Cycles	3810
Motor power for direct-	on-line control			
wotor power for direct-	for three-phase motor			
	ioi tillee-pilase motol	240V	HP	3
Ambient conditions		240 V	ПР	ა 
Temperature	Operating temperature			
	Operating temperature	min	°C	25
		min	°C	-25
	Otana an taman anatum	max		+55
	Storage temperature		0.0	40
		min	°C	-40
		max	°C	+70
Resistance & Protection	n			.=
Frontal IP degree				IP40
Terminals IP degree				IP00
ETIM classification				
				EC001029 -
ETIM 8.0				Selector switch,
				complete