

ENERGY AND AUTOMATION

Product designation	Rotary cam switches			
Product type designation				GN20
General characteris	tics			4.7
Switching diagram	tion.			17
Contact characterist Rated insulation volt				
Rateu irisulation voii	lage Oi	IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withs	stand voltage Uimp	01/00/K	kV	6
Conventional free air thermal current Ith				
		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 current 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
Pated apprational of	urrent in DC	380/440V	kW	3.7
Rated operational co	DC21A			
	DOZIA	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)
				. ,





		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						
0011000101 3120	AWG - Rigid cable					
	AWG Trigid dable	min	AWG	20		
		Max	AWG	12		
	AWG - Flexible cable	IVIAX	7,000	12		
	AVVG - Flexible cable	min	AWG	20		
		Max	AWG	14		
	Conductor size (IFC). Florible coble	IVIAX	AWG	14		
	Conductor size (IEC) - Flexible cable	min	mama ²	0.5		
	Ocadostas sica (ICO) Disidentela	min	mm²	0.5		
	Conductor size (IEC) - Rigid cable	Max	· 2	0.5		
Marshaniantifa		Max	mm²	2.5		
Mechanical life			cycles	5x10 ⁶		
UL technical data						
Motor power for direct-						
	for three-phase motor			_		
		240V	HP	3		
Ambient conditions						
Temperature						
	Operating temperature					
		min	°C	-25		
		max	°C	+55		
	Storage temperature					
		min	°C	-40		
		max	°C	+70		
Resistance & Protectio	n					
Frontal IP degree				IP40		
Terminals IP degree				IP00		
ETIM classification						
ETIM 8.0				EC001029 - Selector switch,		
3.3				complete		