

ENERGY AND AUTOMATION

electric ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 1 POLE 25A, FOR FRONT MOUNTING WITH BLACK HANDLE WITHOUT FRONT PLATE FOR HOLE Ø22MM FIXING

Dradust designation				Rotary cam
Product designation				switches
Product type designa				7GN25
General characteristic	CS			05 - ON/OFF
Switching diagram				switch 1 pole
N° of elements				1
-				U11 - Front
				mounting with
Mounting form				black handle
· ·				without front plate for hole diam.
				22mm fixing
Contact characteristic	OS CONTRACTOR OF THE PROPERTY			3
Rated insulation volta	ige Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withsta			kV	6
Conventional free air	thermal current Ith			
		IEC/EN	Α	25
		UL/CSA	A	30
Rated operational vol	-		V	480
Rated operational impulse voltage Maximum fuse size for short-circuit protection In (gG)			kV	4
Maximum ruse size id	or short-circuit protection in (gG)	10kA	Α	25
		15kA	A	25
		25kA	Α	25
Rated short time curr	ent Icw			
		1s	kA	400
Conductivity				10/5 mA/V
Operational current le	e IEC/EN			
	AC1/AC21A			
			Α	25
	AC15	440)4		
		110V	A A	16
		220/230V 380/400V	A	12 8
		660/690V	A	2
Rated operational por	wer in AC	230,000 ¥	,,	_
	Three-phase AC-3			
	•	220/230V	kW	5.5
		380/440V	kW	7.5
		500/690V	kW	7.5
	Single-phase AC-3			
		110V	kW	1.5
		220/230V	kW	3
	Three-phase AC23A	380/440V	kW	5.5
	Tillee-pilase ACZSA	220/230V	kW	6.5
		380/440V	kW	11
		500/690V	kW	11
	Single-phase AC23A	230,000 4		
		110V	kW	1.5



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		000/000/	1347	0.7
		220/230V	kW	3.7
Rated operational c	urrent in DC	380/440V	kW	5.5
Nateu operational c	DC21A			
	DOZIA	48V	Α	25
		60V	A	25
		110V	Α	4
		220V	Α	0.7
	DC23A (poles in series)			
		24V	Α	25 (1)
		48V	Α	25 (2)
		60V	Α	25 (3)
		110V	Α	12 (3)
		220V	Α	10 (4)
	DC13			
		24V	Α	25
		48V	Α	20
		60V	A	16
		110V	A	1.5
		220V	Α	0.4
Power dissipation			W	1.1
Mechanical features				MO F
Terminals screw	w to wain allow and		Nina	M3.5
Tightening torque for	or terminals max		Nm	0.8
Conductor size	AMC Digid apple			
	AWG - Rigid cable	min	AWG	20
		Max	AWG	10
	AWG - Flexible cable	IVIAX	AVVG	10
	AVVG - I lexible cable	min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable	IVIAX	71110	12
	Conductor Size (IEC) Trickible cable	min	mm²	0.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable			
	00.100010. 0.20 (120) 1 tigra 00010	min	mm²	0.5
		Max	mm²	4
Mechanical life			cycles	5x10 ⁶
UL technical data				
Motor power for dire	ect-on-line control			
	for three-phase motor			
		120V	HP	3
		240V	HP	5
		480V	HP	10
		600V	HP	15
	for single-phase motor			
		120V	HP	1.5
		240V	HP	3
Ambient conditions				
Temperature	-			
	Operating temperature		2.2	0.5
		min	°C	-25
	Character to the control of the cont	max	°C	+55
	Storage temperature			

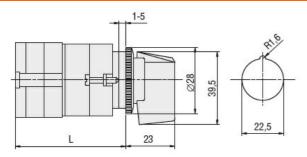
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min °C -40 max °C +70

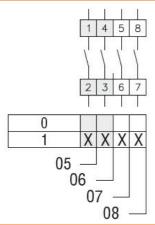
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Resistance & Protection		
Frontal IP degree		IP40
Terminals IP degree		IP00

Dimensions



Series	L			
Series	1	2	3	8
7GN12	47	56.7	66.4	114.9
7GN20	47	56.7	66.4	114.9
7GN25	51.4	65	78.6	146.6

Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 14

IEC/EN/BS 60947-1

IEC/EN/BS 60947-3

IEC/EN/BS 60947-5-1

UL60947-4-1

Certificates

cCSAus

EAC

UL

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete