

ENERGY AND AUTOMATION

ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 3 POLES 25A, FOR REAR MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0, DOOR COUPLING AND PROTECTION COVERS, FRONT PLATE 65X65MM

.				Rotary cam
Product designation				switches
Product type designation				7GN25
General characteristics				07 - ON/OFF
Switching diagram				switch 3 poles
N° of elements				2
				O98 - Rear
				mounting with
Mounting form				red/yellow handle padlockable in 0,
Woulding form				door coupling
				and protection
				covers
Contact characteristics				
Rated insulation voltage	e Ui	150/51		
		IEC/EN	V	690
Dated impulse withster	ad voltage Llimp	UL/CSA	V kV	600
Rated impulse withstar Conventional free air th			ĸ٧	U
Conventional free all ti	ierriai current iui	IEC/EN	Α	25
		UL/CSA	Α	30
Rated operational volta	age		V	480
Rated operational impu	_		kV	4
Maximum fuse size for	short-circuit protection In (gG)			
		10kA	Α	25
		15kA	Α	25
		25kA	Α	25
Rated short time curren	nt Icw	4.	٨	400
Considerationity		1s	A	400 10/5 mA/V
Conductivity Operational current le	IEC/EN			10/5 IIIA/ V
Operational current le	AC1/AC21A			
	7.0 1/7.02 17.		Α	25
	AC15			
		110V	Α	16
		220/230V	Α	12
		380/400V	Α	8
		660/690V	A	2
Rated operational pow				
	Three-phase AC-3	000/0001	1474	E E
		220/230V 380/440V	kW kW	5.5 7.5
		500/690V	kW	7.5 7.5
	Single-phase AC-3	000,000 1	1000	7.0
	- 3	110V	kW	1.5
		220/230V	kW	3
		380/440V	kW	5.5
	Three-phase AC23A			_
		220/230V	kW	6.5
		380/440V	kW	11
	Single phase AC22A	500/690V	kW	
	Single-phase AC23A	110V	kW	1.5
		1100	r\ v v	1.0



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COVERS, FRONT PLATE 65X65MM

		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			





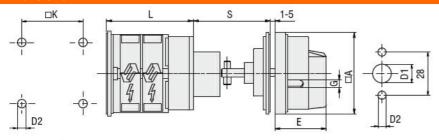
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min	°C	-40
may	°C	⊥ 7∩

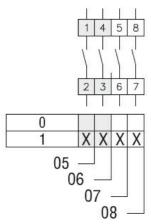
Resistance & Protection	
Frontal IP degree	IP40
Terminals IP degree	IP00

Dimensions



Series -		Dimensions					L				
	□A	D1	D2	Е	G	□K	S	1	2	3	12
7GN12	65	12	5	34.2	5	36	45-55	41.1	50.8	60.5	147.8
7GN20	65	12	5	34.2	5	36	45-55	41.1	50.8	60.5	147.8
7GN25	65	14	5	38	6	48	45-55	51.5	66.6	81.7	217.6
7GN40	65	14	5	38	6	48	45-55	51.5	66.6	81.7	217.6
7GN63	65	14	6	38	6	68	45-55	57.3	75.4	93.5	256.4

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