7GN2025U65



ROTARY CAM SWITCH 7GN SERIES, 1-PHASE MOTOR REVERSING SWITCH WITH SPRING RETURN 20A, FOR FRONT MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0 AND PROTECTION COVERS, FRONT PLATE 65X65MM

Product designation				Rotary cam
-	•			switches
Product type designat General characteristic				7GN20
Switching diagram	5			25 - 1-phase motor reversing switch with spring return
N° of elements				2
Mounting form				U65 - Front mounting with red/yellow handle padlockable in 0 and protection covers
Contact characteristic:				
Rated insulation voltag		IEC/EN UL/CSA	V V kV	690 600 6
Rated impulse withsta Conventional free air t			κv	0
		IEC/EN UL/CSA	A A	20 20
Rated operational volt	age		V	480
Rated operational imp			kV	4
Maximum fuse size fo	r short-circuit protection In (gG)			
		10kA	A	20
		15kA	A	16
Rated short time curre	und law	25kA	A	16
Rated short time curre	ant ICW	1s	kA	250
Conductivity		15	KA.	10/5 mA/V
Operational current le	IEC/EN			
oporational ourront to	AC1/AC21A			
			А	20
	AC15			
		110V	А	10
		220/230V	Α	8
		380/400V	А	6
		660/690V	Α	1.5
Rated operational pow				
	Three-phase AC-3	220/2201/	1.1.1/	0
		220/230V 380/440V	kW kW	3 5.5
		500/690V	kW	5.5
	Single-phase AC-3	000/0001		0.0
		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
	0	500/690V	kW	7.5
	Single-phase AC23A			

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The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



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		110V	kW	0.8
		220/230V	kW	2.5
		380/440V	kW	3.7
Rated operational cur	rent in DC			
	DC21A			
		48V	Α	20
		60V	Α	20
		110V	А	4
		220V	А	0.6
		440V	А	0.25
	DC23A (poles in series)			
	· · · · · ·	24V	А	20 (1)
		48V	А	20 (2)
		60V	А	20 (3)
		110V	A	10 (3)
		220V	A	8 (4)
	DC13	220 V	~	0 (4)
	0013	24V	٨	20
			A	20
		48V	A	16
		60V	A	12
		110V	А	1
		220V	Α	0.4
		440V	A	0.15
Power dissipation			W	0.8
Nechanical features				
Ferminals screw				M3
Fightening torque for t	terminals max		Nm	0.5
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	12
	AWG - Flexible cable	Мал	////0	12
	AWG - Tlexible cable	min	AWG	20
		min		20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable	<u>.</u>	-	
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	5x10 ⁶
JL technical data				
Notor power for direct	t-on-line control			
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
		480V	HP	5 7.5
	for simple where we tak	600V	HP	10
	for single-phase motor			0.75
		120V	HP	0.75
		240V	HP	2
Ambient conditions				
emperature				
-	Operating temperature			

Operating temperature

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							min		°C	-2	25		
							max	[°C	+	55		
Stora	ge temperatui	re											
							min		°C	-4	10		
							max	[°C	+	70		
Resistance & Protection													
Frontal IP degree										IF	P40		
Terminals IP degree										IF	200		
Dimensions													
	Ô												
		Series		Dimensions					L				
	- A '		Selles	□A	D1	D2	E	G	□K	1	2	3	12
	D2		7GN12	65	12	5	34.2	5	36	36.1	45.8	55.5	142.8
4 4	ΠK		7GN20	65	12	5	34.2	5	36	36.1	45.8	55.5	142.8
			7GN25	65	12	5	34.2	5	36	40.5	54.1		190.1
	-⊕- , -⊕-	Standard drillings for	7GN32	65	14	5	38	6	48	46.5			212.6
		7GN125.	7GN40	65	14	5	38	6	48	46.5	61.6		212.6
	M	Drillings on request for	741140	00	17	0	00	0	10	10.0	01.0	10.1	212.0

7GN63

7GN125

65

90

14

16

5

6

38

49

6 48

7 68

50.3

67.3

68.4

96.4

86.5

125.5 394.9

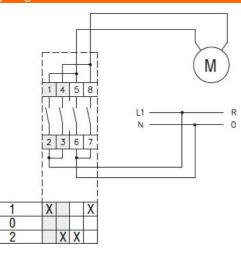
249.4

Drillings on request for

4 screws fixing

(4V version).

Wiring diagrams



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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	1	
ETIM 8.0		EC001029 - Selector switch, complete

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