

7GN2583U ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 1-2-3-4, 1 POLE 25A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

Product designation			Rotary cam
Product type designation			switches 7GN25
General characteristics			101120
Switching diagram			83 - Multi-step 1- 2-3-4 1 pole
N° of elements			2
Mounting form			U - Front mounting with black handle
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith			05
	IEC/EN UL/CSA	A	25 30
Rated operational voltage	UL/CSA	A V	480
Rated operational impulse voltage		kV	480
Maximum fuse size for short-circuit protection In (gG)		ΝV	+
Maximum ruse size for short circuit protection in (ge)	10kA	А	25
	15kA	A	25
	25kA	А	25
Rated short time current Icw			
	1s	kA	400
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		_	
		A	25
AC15	4401/	•	4.0
	110V 220/230V	A A	16 12
	380/400V	A	8
	660/690V	A	2
Rated operational power in AC	000,0001		-
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
	380/440V	kW	5.5
Three-phase AC23A	220/2201/	1-1.1.1	6 5
	220/230V 380/440V	kW kW	6.5 11
	500/690V	kW	11
Single-phase AC23A	300/030 V	IX V V	11
Single plase A020A	110V	kW	1.5
	220/230V	kW	3.7
	ZZU/Z3UV		3.7

Rated operational current in DC

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DC21A 48V A 25 110V A 4 220V A 0.7 DC23A (poles in series) 24V A 25 (1) 48V A 25 (2) 60V A 25 (2) 60V A 25 (3) 110V A 25 (2) 60V A 25 (3) 110V A 22 (3) 220V A 0.4 25 (3) 60V A 16 (4) 220V A 0.4 20 60V A 16 (4) Power dissipation W 1.1 1.1 1.1 1.1 Mechanical features M 1.5 2.2 2.0 6.0 4.1 Conductor size MWG Rigid cable Max MMG 2.0 Max MWG 12 Conductor size (IEC) - Flexible cable min MWG 2.0 Max MWG 12 Velethed data Conductor size (IEC) - Rigid cable min					
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for single-phase motor $120V HP 1.5 240V HP 3$ Ambient conditions Temperature Operating temperature $ \begin{array}{ccccccccccccccccccccccccccccccccccc$			480V	HP	10
120V HP 1.5 240V HP 3 Ambient conditions			600V	HP	15
240V HP 3 Ambient conditions		for single-phase motor			
Ambient conditions Temperature Operating temperature min °C max °C Storage temperature min °C min °C storage temperature min °C max °C +55			120V	HP	1.5
Temperature Min °C -25 max °C +55 Storage temperature min °C -40 max °C +70			240V	HP	3
Operating temperature min °C -25 max °C +55 Storage temperature min °C -40 max °C +70	Ambient conditions				
Operating temperature min °C -25 max °C +55 Storage temperature min °C -40 max °C +70	Temperature				
min °C -25 max °C +55 Storage temperature min °C -40 max °C +70		Operating temperature			
Storage temperature min °C -40 max °C +70			min	°C	-25
Storage temperature min °C -40 max °C +70			max	°C	+55
min °C -40 max °C +70		Storage temperature			
max °C +70			min	°C	-40
		on			

7GN2583U



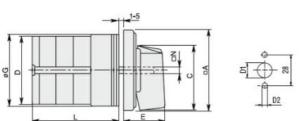
ENERGY AND AUTOMATION

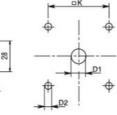
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Frontal IP degree





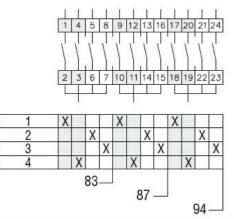




Standard drillings for 7GN125. Drillings on request for 4 screws fixing (4V version).

Series	Dimensions						L Number of elements														
Series	ΠA	С	ØD	ØD1	ØD2	Е	ØG	□K	ΠN	1	2	3	4	5	6	7	8	9	10	11	12
7GN12	48	39.5	39	12	5	26.5	38	36	6	36.1	45.8	55.5	65.2	74.9	84.6	94.3	104	113.7	123.4	133.1	142.8
7GN20	48	39.5	39	12	5	26.5	38	36	6	36.1	45.8	55.5	65.2	74.9	84.6	94.3	104	113.7	123.4	133.1	142.8
7GN25	48	39.5	43	12	5	26.5	38	36	6	40.5	54.1	67.7	81.3	94.9	108.5	122.1	135.7	147.3	162.9	176.5	190.1
7GN32	65	53	58	14	5	34.5	58.5	48	7	46.5	61.6	76.7	91.8	106.9	122	137.1	152.2	167.3	182.4	197.5	212.6
7GN40	65	53	58	14	5	34.5	58.5	48	7	46.5	61.6	76.7	91.8	106.9	122	137.1	152.2	167.3	182.4	197.5	212.6
7GN63	65	53	62	14	5	34.5	58.5	48	7	50.3	68.4	86.5	104.6	122.7	140.8	158.9	177	195.1	213.2	231.3	249.4
7GN125	90	70.5	86	16	6	41.5	84	68	9	67.3	96.4	125.5	154.6	183.7	220.3	249.4	278.5	307.6	336.7	365.8	394.9

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