



ROTARY CAM SWITCH 7GN SERIES, 1-PHASE MOTOR REVERSING SWITCH WITH SPRING RETURN 25A, FOR FRONT MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0 AND PROTECTION COVERS, FRONT PLATE 65X65MM

Product designation				Rotary cam
Product type designa	tion			
General characteristic				701123
Switching diagram				25 - 1-phase motor reversing switch with spring return
N° of elements				
Mounting form				U65 - Front mounting with red/yellow handle padlockable in 0 and protection covers
Contact characteristic				
Rated insulation volta		IEC/EN UL/CSA	V	690 600
Rated impulse withsta Conventional free air			KV	0
	urema current iui	IEC/EN UL/CSA	A A	25 30
		Switcher 7GN25 25 - 1-p motor reswitch we return 2	480	
Rated operational voltage Rated operational impulse voltage Maximum fuse size for short-circuit protection In (gG)			kV	4
Maximum fuse size for	or short-circuit protection In (gG)			
Rated short time curre	ont law	25KA	A	25
Nateu Short time cum	enticw	1e	Δ	400
Conductivity		13		10/5 mA/V
Operational current le	e IEC/EN			10/0 111/ 4 4
	AC1/AC21A		Α	25
	AC15			
Dated energtional no	vor in AC	660/690V	А	
Rated operational pov	wer in AC Three-phase AC-3			
	Three phase Ao o	220/230\/	kW	5.5
	Single-phase AC-3			
		380/440V	kW	5.5
	Three-phase AC23A	000/0001	1.147	0.5
	Single-phase AC23A	300/030 (17. A. A.	
	Single prides / (OZO/)			





7GN2525U65

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		110V	kW	1.5
		220/230V	kW	3.7
		380/440V	kW	5.5
Data dan anational aun	manut in DO	360/440 V	N V V	5.5
Rated operational cur				
	DC21A			
		48V	Α	25
		60V	Α	25
		110V	Α	4
		220V	Α	0.7
	DC22 A (nolog in parion)	220 V		0.1
	DC23A (poles in series)	0.417		05 (4)
		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	Α	16
		110V	Α	1.5
		220V	Α	0.4
Power dissipation			W	1.1
Mechanical features			.,	
Terminals screw				M3.5
	to and a state of the state of		NI	
Tightening torque for t	terminais max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		min	AVVG	20
	AWG - Flevible cable	Max	AWG	10
	AWG - Flexible cable	Max	AWG	10
	AWG - Flexible cable	Max min	AWG	20
		Max	AWG	10
	AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max	AWG AWG	10 20 12
		Max min	AWG	20
		Max min Max	AWG AWG	10 20 12
	Conductor size (IEC) - Flexible cable	Max min Max min	AWG AWG AWG	10 20 12 0.5
		Max min Max min Max	AWG AWG AWG mm² mm²	10 20 12 0.5 4
	Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG mm² mm²	10 20 12 0.5 4
Machanical life	Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG mm² mm² mm² mm²	10 20 12 0.5 4
Mechanical life	Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG mm² mm²	10 20 12 0.5 4
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max	AWG AWG AWG mm² mm² mm² mm²	10 20 12 0.5 4
	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max	AWG AWG AWG mm² mm² mm² mm²	10 20 12 0.5 4
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max	AWG AWG AWG mm² mm² mm² mm²	10 20 12 0.5 4
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control	Max min Max min Max	AWG AWG AWG mm² mm² mm² mm²	10 20 12 0.5 4 0.5 4 5x10 ⁶
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control	Max min Max min Max min Max	AWG AWG AWG mm² mm² cycles	10 20 12 0.5 4 0.5 4 5x10 ⁶
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control	Max min Max min Max min Max 120V 240V	AWG AWG AWG mm² mm² cycles	10 20 12 0.5 4 0.5 4 5x10 ⁶
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control	Max min Max min Max min Max 120V 240V 480V	AWG AWG AWG mm² mm² cycles HP HP	10 20 12 0.5 4 0.5 4 5x10 ⁶
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control for three-phase motor	Max min Max min Max min Max 120V 240V	AWG AWG AWG mm² mm² cycles	10 20 12 0.5 4 0.5 4 5x10 ⁶
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control	Max min Max min Max min Max 120V 240V 480V 600V	AWG AWG AWG mm² mm² cycles HP HP HP	10 20 12 0.5 4 0.5 4 5x10 ⁶ 3 5 10 15
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control for three-phase motor	Max min Max min Max min Max 120V 240V 480V 600V	AWG AWG AWG mm² mm² cycles HP HP HP HP	10 20 12 0.5 4 0.5 4 5x10 ⁶ 3 5 10 15
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control for three-phase motor	Max min Max min Max min Max 120V 240V 480V 600V	AWG AWG AWG mm² mm² cycles HP HP HP	10 20 12 0.5 4 0.5 4 5x10 ⁶ 3 5 10 15
UL technical data Motor power for direct	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control for three-phase motor	Max min Max min Max min Max 120V 240V 480V 600V	AWG AWG AWG mm² mm² cycles HP HP HP HP	10 20 12 0.5 4 0.5 4 5x10 ⁶ 3 5 10 15
UL technical data Motor power for direct	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control for three-phase motor	Max min Max min Max min Max 120V 240V 480V 600V	AWG AWG AWG mm² mm² cycles HP HP HP HP	10 20 12 0.5 4 0.5 4 5x10 ⁶ 3 5 10 15
UL technical data Motor power for direct	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control for three-phase motor for single-phase motor	Max min Max min Max min Max 120V 240V 480V 600V	AWG AWG AWG mm² mm² cycles HP HP HP HP	10 20 12 0.5 4 0.5 4 5x10 ⁶ 3 5 10 15
UL technical data Motor power for direct	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control for three-phase motor	Max min Max min Max min Max 120V 240V 480V 600V 120V 240V	AWG AWG AWG mm² mm² mm² cycles HP HP HP HP	10 20 12 0.5 4 0.5 4 5x10 ⁶ 3 5 10 15 1.5 3
UL technical data Motor power for direct	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control for three-phase motor for single-phase motor	Max min Max min Max min Max 120V 240V 480V 600V 120V 240V 240V	AWG AWG AWG mm² mm² mm² cycles HP HP HP HP HP HP	10 20 12 0.5 4 0.5 4 5x10 ⁶ 3 5 10 15 1.5 3
UL technical data Motor power for direct	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control for three-phase motor for single-phase motor	Max min Max min Max min Max 120V 240V 480V 600V 120V 240V	AWG AWG AWG mm² mm² mm² cycles HP HP HP HP	10 20 12 0.5 4 0.5 4 5x10 ⁶ 3 5 10 15 1.5 3



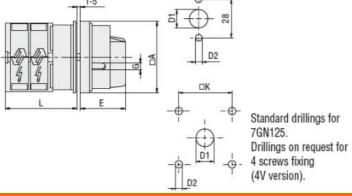


Resistance & Protection
Frontal IP degree
Terminals IP degree

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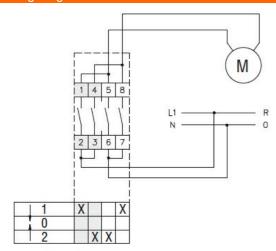
Storage temperature				
•	min	°C	-40	
	max	°C	+70	
on				
			IP40	
			IP00	

Dimensions



Carias	Dimensions					L				
Series	□A	D1	D2	Е	G	□K	1 2		3	12
7GN12	65	12	5	34.2	5	36	36.1	45.8	55.5	142.8
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	67.7	190.1
7GN32	65	14	5	38	6	48	46.5	61.6	76.7	212.6
7GN40	65	14	5	38	6	48	46.5	61.6	76.7	212.6
7GN63	65	14	5	38	6	48	50.3	68.4	86.5	249.4
7GN125	90	16	6	49	7	68	67.3	96.4	125.5	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