



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	
_				switches	
Product type designation General characteristics				7GN25	
Switching diagram				26 - 3-phase motor reversing switch with spring return	
N° of elements				3	
Mounting form				U65 - Front mounting with red/yellow handle padlockable in 0 and protection covers	
Contact characteristics					
Rated insulation voltag		IEC/EN UL/CSA	V V	690 600	
Rated impulse withstar Conventional free air th			kV	6	
Conventional free air tr	ermai current itn	IEC/EN UL/CSA	A A	25 30	
Rated operational volta			V	480	
Rated operational impu	-		kV	4	
Maximum fuse size for	short-circuit protection In (gG)				
		10kA	A	25	
		15kA 25kA	A A	25 25	
Rated short time curre	nt Icw	ZJRA			
rated short time carre	it low	1s	kA	400	
Conductivity				10/5 mA/V	
Operational current le	IEC/EN			_	
	AC1/AC21A		Α	25	
	AC15				
		110V	Α	16	
		220/230V	A	12	
		380/400V 660/690V	A A	8 2	
Rated operational pow	er in AC	000/0901			
ratou oporational pow	Three-phase AC-3				
	Times prides / to s	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 AO23A	220/230V	kW	6.5	
		380/440V	kW	11	
		500/690V	kW	11	
	Single-phase AC23A				





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		110V	kW	1.5
		220/230V	kW	3.7
5		380/440V	kW	5.5
Rated operational cur				
	DC21A			
		48V	Α	25
		60V	Α	25
		110V	Α	4
		220V	A	0.7
	DOOM (selection to)	220 V	A	0.7
	DC23A (poles in series)		_	(1)
		24V	Α	25 (1)
		48V	Α	25 (2)
		60V	Α	25 (3)
		110V	Α	12 (3)
		220V	Α	10 (4)
	DC13	ZZ0 V		10 (4)
	טוט	0.417	Δ.	0.5
		24V	Α	25
		48V	Α	20
		60V	Α	16
		110V	Α	1.5
		220V	Α	0.4
Dower dissination		ZZU V	W	
Power dissipation			VV	1.1
Mechanical features				
Terminals screw				M3.5
Tightening torque for t	terminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
	, tive Trigid sabis	min	AWG	20
		Max	AWG	10
	AWG - Flexible cable			
	AWG - Flexible cable	min	AWG	20
	AWG - Flexible cable	min Max	AWG AWG	20 12
	Conductor size (IEC) - Flexible cable	Max	AWG	12
		Max min	AWG	0.5
	Conductor size (IEC) - Flexible cable	Max	AWG	12
		Max min Max	AWG mm² mm²	0.5 4
	Conductor size (IEC) - Flexible cable	Max min Max min	AWG mm² mm² mm²	0.5 4 0.5
	Conductor size (IEC) - Flexible cable	Max min Max	AWG mm² mm²	0.5 4 0.5 4
Mechanical life	Conductor size (IEC) - Flexible cable	Max min Max min	AWG mm² mm² mm²	0.5 4 0.5
Mechanical life UL technical data	Conductor size (IEC) - Flexible cable	Max min Max min	MMG mm² mm² mm² mm²	0.5 4 0.5 4
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min	MMG mm² mm² mm² mm²	0.5 4 0.5 4
	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control	Max min Max min	MMG mm² mm² mm² mm²	0.5 4 0.5 4
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max	MMG mm² mm² mm² mm² cycles	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	AWG mm² mm² mm² cycles	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 120V 240V	AWG mm² mm² mm² cycles HP HP	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	AWG mm² mm² mm² cycles	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 120V 240V	AWG mm² mm² mm² cycles HP HP	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 120V 240V 480V	MWG mm² mm² mm² cycles HP HP	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 120V 240V 480V 600V	MWG mm² mm² mm² cycles HP HP HP	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 120V 240V 480V 600V	AWG mm² mm² mm² cycles HP HP HP HP	12 0.5 4 0.5 4 5x10° 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 120V 240V 480V 600V	MWG mm² mm² mm² cycles HP HP HP	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 120V 240V 480V 600V	AWG mm² mm² mm² cycles HP HP HP HP	12 0.5 4 0.5 4 5x10° 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 120V 240V 480V 600V	AWG mm² mm² mm² cycles HP HP HP HP	12 0.5 4 0.5 4 5x10° 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 120V 240V 480V 600V	AWG mm² mm² mm² cycles HP HP HP HP	12 0.5 4 0.5 4 5x10° 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 120V 240V 480V 600V 120V 240V	AWG mm² mm² mm² cycles HP HP HP HP	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 120V 240V 480V 600V 120V 240V	AWG mm² mm² mm² cycles HP HP HP HP HP	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 120V 240V 480V 600V 120V 240V	AWG mm² mm² mm² cycles HP HP HP HP	12 0.5 4 0.5 4 5x10 ⁶ 3 5 10 15 1.5 3



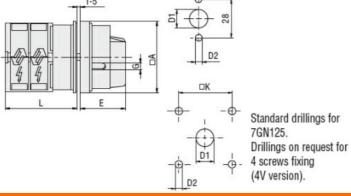


Resistance & Protect
Frontal IP degree
Terminals IP degree

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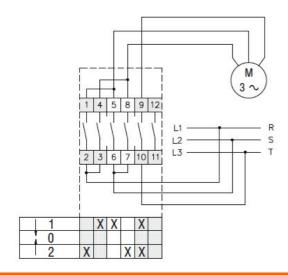
Storage temperature				
	min	°C	-40	
	max	°C	+70	
tion				
			IP40	
			IP00	

Dimensions



Dimer			nsions			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

Com	pliance

CSA C22.2 n° 14 IEC/EN/BS 60947-1

IEC/EN/BS 60947-1

IEC/EN/BS 60947-5-1

UL60947-4-1

Certificates

cCSAus

EAC

UL

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete