



ENCLOSED ROTARY CAM SWITCH 7GN SERIES, 3-PHASE MOTOR REVERSING SWITCH 25A IN PLASTIC ENCLOSURE 90X90MM WITH RED/YELLOW HANDLE

Product designation			Enclosed rotary
•			cam switch
Product type designation General characteristics			7GN25
General characteristics			11 - 3-phase
Switching diagram			motor reversing switch
N° of elements			3
Mounting form			P25 - Plastic enclosure with red/yellow handle
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
B (1) 1 21 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith	IEC/EN	۸	0.5
	IEC/EN UL/CSA	A	25 30
Rated operational voltage	UL/C3A	A V	480
Rated operational voltage Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)		ΚV	
maximam ruse size for short should protestion in (ge)	10kA	Α	25
	15kA	Α	25
	25kA	Α	25
Rated short time current lcw			
	1s	Α	400
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		Α	25
AC15		_	
	110V	A	16
	220/230V	A	12
	380/400V	A	8 2
Rated operational power in AC	660/690V	Α	
Three-phase AC-3			
Thice phase Ao o	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			
	220/230V	kW	6.5
	380/440V	kW	11
Cingle phase ACCCA	500/690V	kW	11
Single-phase AC23A	110V	kW	1.5
	220/230V	kW	3.7
	380/440V	kW	5.5
		1	

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Rated operational curre	ent in DC			
	DC21A			
		48V	Α	25
		60V	Α	25
		110V	Α	4
		220V	Α	0.7
	DC23A (poles in series)		_	(.)
		24V	A	25 (1)
		48V	A	25 (2)
		60V 110V	A A	25 (3)
		220V	A	12 (3) 10 (4)
	DC13	220 V		10 (4)
	5013	24V	Α	25
		48V	A	20
		60V	A	16
		110V	Α	1.5
		220V	Α	0.4
Power dissipation			W	1.1
Mechanical features				
Terminals screw				M3.5
Γightening torque for te	erminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	10
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable			0.5
		min Mov	mm²	0.5
	Conductor size (IEC) Bigid coble	Max	mm²	4
	Conductor size (IEC) - Rigid cable	min	mm²	0.5
			111111	0.5
				4
Mechanical life	_	Max	mm²	4 5x10 ⁶
				4 5x10 ⁶
JL technical data	on-line control		mm²	
JL technical data			mm²	
JL technical data	on-line control for three-phase motor		mm²	5x10 ⁶
JL technical data		Max	mm² cycles	
JL technical data		Max 120V	mm² cycles	5x10 ⁶
JL technical data		120V 240V	mm² cycles HP HP	5x10 ⁶ 3 5
UL technical data		120V 240V 480V	mm² cycles HP HP HP	5x10 ⁶ 3 5 10
Mechanical life UL technical data Motor power for direct-o	for three-phase motor	120V 240V 480V 600V	mm² cycles HP HP HP HP	5x10 ⁶ 3 5 10 15
JL technical data Motor power for direct-o	for three-phase motor	120V 240V 480V 600V	mm² cycles HP HP HP HP	3 5 10 15
JL technical data Motor power for direct-o	for three-phase motor	120V 240V 480V 600V	mm² cycles HP HP HP HP	5x10 ⁶ 3 5 10 15
UL technical data	for three-phase motor for single-phase motor	120V 240V 480V 600V	mm² cycles HP HP HP HP	5x10 ⁶ 3 5 10 15
JL technical data Motor power for direct-o	for three-phase motor	120V 240V 480V 600V 120V 240V	mm² cycles HP HP HP HP	5x10 ⁶ 3 5 10 15 1.5 3
JL technical data Motor power for direct-o	for three-phase motor for single-phase motor	120V 240V 480V 600V 120V 240V	mm² cycles HP HP HP HP HP	5x10 ⁶ 3 5 10 15 1.5 3
JL technical data Motor power for direct-o	for three-phase motor for single-phase motor Operating temperature	120V 240V 480V 600V 120V 240V	mm² cycles HP HP HP HP	5x10 ⁶ 3 5 10 15 1.5 3
JL technical data Motor power for direct-o	for three-phase motor for single-phase motor	120V 240V 480V 600V 120V 240V	mm² cycles HP HP HP HP HP C°C	5x10 ⁶ 3 5 10 15 1.5 3 -25 +55
JL technical data Motor power for direct-o	for three-phase motor for single-phase motor Operating temperature	120V 240V 480V 600V 120V 240V	mm² cycles HP HP HP HP HP	5x10 ⁶ 3 5 10 15 1.5 3

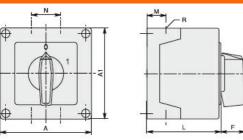


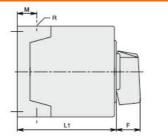
ENERGY AND AUTOMATION

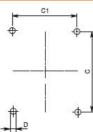
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Resistance & Protection
Frontal IP degree IP65
Terminals IP degree IP00

Dimensions

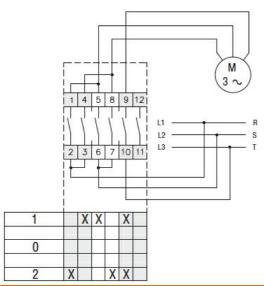






Series E	Enclosure	Number o	f elements	Dimensions								Cable	Protection		
	size	L	L1	Α	A1	C	C1	D	F	M	N	L	L1	entry	Protection degree
7GN12	75x75	1-2	3 - 4		75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65
7GN20		1-2	3 - 4	75											
7GN25		1	2-3												
7GN12	90x90	1-3	4 - 6		90	79	63	4.5	25	19	30	71.3	98.3	4xPG16	IP65
7GN20		1-3	4 - 6	0.000											
7GN25		1-2	3 - 4	90											
7GN32		1 - 2	3 - 4												
7GN40		1	2-3												
7GN12	110x110	1 - 4	5 - 8		110	98.4	83	4.5		21	39.5	85.5	119.5	4xPG21	IP65
7GN20		1 - 4	5 - 8						32						
7GN25		1-3	4 - 5	110											
7GN32		1-3	4 - 5	110											
7GN40		1-2	3 - 5												
7GN63		1-2	3 - 4												
7GN32	125x175	1 - 3	4 - 5	125	175	146	112	5.5	32	21	68	84.3	118.3		IP65
7GN40		1-2	3 - 4											4xPG21	
7GN63		1 - 2	3 - 4	120					32					2xPG11	
7GN125		1	2												
7GN32	180x254	1 - 5	6-8												
7GN40		1 - 4	5 - 7	180	254	120	190	5.5	32	35	76	121	175	4xPG29 2xPG11	IP65
7GN63		1 - 3	4 - 6	100											
7GN125	5	1 - 2	3 - 4												

Wiring diagrams



Certifications and compliance

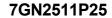
Compliance

IEC/EN/BS 60947-1

IEC/EN/BS 60947-3

IEC/EN/BS 60947-5-1

Certificates





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EAC

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete