



ENCLOSED ROTARY CAM SWITCH 7GN SERIES, 3-PHASE MOTOR REVERSING SWITCH WITH SPRING RETURN 32A IN PLASTIC ENCLOSURE 90X90MM WITH RED/YELLOW HANDLE

Product designation			Enclosed rotary cam switch
Product type designation			7GN32
General characteristics			
Switching diagram			26 - 3-phase motor reversing switch with spring return
N° of elements			3
Mounting form			P25 - Plastic enclosure with red/yellow 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			
	IEC/EN	Α	32
	UL/CSA	A	40
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)		_	
	10kA	Α	32
	15kA	A	32
	25kA	A	32
Date debout time a compant laco	50kA	Α	32
Rated short time current Icw	4 -	1. 4	000
Conductivity	1s	kA	800 10/5 mA/V
Conductivity Operational current le IEC/EN			10/5 IIIA/ V
AC1/AC21A			
AC I/ACZ TA		Α	32
AC15			32
A013	110V	Α	25
	220/230V	A	20
	380/400V	A	10
	660/690V	Α	2
Rated operational power in AC			
Three-phase AC-3			
·	220/230V	kW	7.5
	380/440V	kW	11
	500/690V	kW	11
Single-phase AC-3			
	110V	kW	2.2
	220/230V	kW	4
	380/440V	kW	6.5
Three-phase AC23A			
	220/230V	kW	8
	380/440V	kW	15
	500/690V	kW	18.5
Single-phase AC23A			
	110V	kW	2.2
	220/230V	kW	4



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		380/440V	kW	7.5
Rated operational curre	ent in DC	000, 1.01		
•	DC21A			
		48V	Α	32
		60V	Α	32
		110V	Α	6
		220V	Α	0.9
	DC23A (poles in series)			
	· ·	24V	Α	32 (1)
		48V	Α	32 (2)
		60V	Α	32 (3)
		110V	Α	15 (3)
		220V	Α	12 (4)
	DC13			
		24V	Α	32
		48V	Α	25
		60V	Α	16
		110V	Α	3
		220V	Α	0.5
Power dissipation			W	1.5
Mechanical features				
Terminals screw				M4
Tightening torque for te	erminals max		Nm	1.2
Conductor size				
00.100.010.	AWG - Rigid cable			
	7.TVC Trigid Gabio	min	AWG	16
		Max	AWG	8
	AWG - Flexible cable	IVICA	71110	
	AWG FICKIBIC GABIC	min	AWG	16
		Max	AWG	10
	Conductor size (IEC) - Flexible cable	IVICA	71110	
	Obliquetor Size (IEO) Triexible cable	min	mm²	1.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable	IVICA		
	Conductor Size (IEC) - Rigid cable	min	mm²	1.5
		Max	mm²	6
Mechanical life		IVICA	cycles	5x10 ⁶
UL technical data			Cycles	3,10
Motor power for direct-	on-line control			
Motor power for direct	for three-phase motor			
	ioi alloo phaoo motol	120V	HP	5
		240V	HP	10
		480V	HP	15
		600V	HP	15
	for single-phase motor	000 V	1 11	
	ioi siiigie-piiase iiioloi	120V	HP	2
		240V	HP	5
Ambient conditions		Z4U V	i ir	
Temperature				
remperature	Operating temperature			
	Operating temperature	:-	°C	25
		min	°C	-25 - 5
	Storage temporatives	max	<u> </u>	+55
	Storage temperature		°C	40
		min	°C	-40



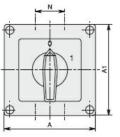
ENERGY AND AUTOMATION

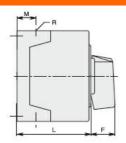
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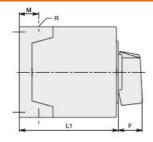
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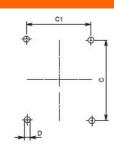
	 •	
Resistance & Protection		
Frontal IP degree		IP65
Terminals IP degree		IP00

Dimensions



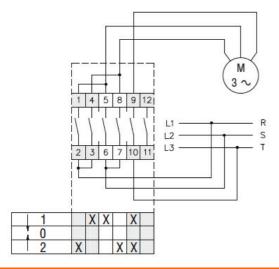






Series	Enclosure size	Number o	f elements	Dimensions								Cable	Protection		
		L	L1	Α	A1	C	C1	D	F	M	N	L	L1	entry	degree
7GN12	75x75	1-2	3 - 4												
7GN20	1	1-2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65
7GN25	1	1	2-3												
7GN12	90x90	1-3	4 - 6												
7GN20		1-3	4 - 6				00000			100000				2007.075340.004.000000	
7GN25		1-2	3 - 4	90	90	79	63	4.5	25	19	30	71.3	98.3	4xPG16	IP65
7GN32	1	1-2	3 - 4			3,593		1.00.000		31-3-4		0.00000000		31-110-220000	201000000
7GN40		1	2-3												
7GN12	110x110	1-4	5 - 8												
7GN20	2001.00.500.000.000	1-4	5 - 8												
7GN25	1	1-3	4 - 5	440	440	00.4	83	4.5	32	21	20.5	05.5	1105	40004	IDOC
7GN32	1	1-3	4 - 5	110	110	98.4	83	4.5	32	21	39.5	85.5	119.5	4xPG21	IP65
7GN40	1	1-2	3-5												
7GN63	1	1-2	3 - 4												
7GN32	125x175	1 - 3	4 - 5												
7GN40	0.0000000000000000000000000000000000000	1 - 2	3 - 4	105	175	140	110		32	21	68	040	440.0	4xPG21	IDCE
7GN63	1	1 - 2	3 - 4	125	175	146	112	5.5	32	21	80	84.3	118.3	2xPG11	IP65
7GN125		1	2												
7GN32	180x254	1-5	6-8												
7GN40		1 - 4	5 - 7	100	054	100	100		32	35	76	101	175	4xPG29	IDec
7GN63	1	1 - 3	4 - 6	180	254	120	190	5.5	32	35	76	121	175	2xPG11	IP65
7GN125		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



7GN3226P25

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EAC

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete