



ENCLOSED ROTARY CAM SWITCH 7GN SERIES, 1-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				25 - 1-phase motor reversing switch with spring return
N° of elements				2
Mounting form				P25 - Plastic enclosure with red/yellow handle
Contact characteristics				
Rated insulation voltage U	li			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstand v			kV	6
Conventional free air therr	nal current Ith			
		IEC/EN	Α	32
		UL/CSA	A	40
Rated operational voltage			V	480
Rated operational impulse	<u> </u>		kV	4
Maximum fuse size for sh	ort-circuit protection In (gG)			
		10kA	Α	32
		15kA	A	32
		25kA	A	32
Data d about time a surrent l		50kA	A	32
Rated short time current lo	CW	4 -	Ι- Δ	000
Conductivity		1s	kA	800 10/5 mA/V
Conductivity Operational current le IEC	^/EN			10/5 IIIA/ V
•	C1/AC21A			
^	CIACZIA		Α	32
<u> </u>	C15			32
^	013	110V	Α	25
		220/230V	A	20
		380/400V	Α	10
		660/690V	Α	2
Rated operational power i	n AC			
	hree-phase AC-3			
	·	220/230V	kW	7.5
		380/440V	kW	11
		500/690V	kW	11
S	ingle-phase AC-3			
		110V	kW	2.2
		220/230V	kW	4
		380/440V	kW	6.5
T	hree-phase AC23A			
		220/230V	kW	8
		380/440V	kW	15
		500/690V	kW	18.5
S	ingle-phase AC23A			
		110V	kW	2.2
		220/230V	kW	4



ENCLOSED ROTARY CAM SWITCH 7GN SERIES, 1-PHASE MOTOR REVERSING SWITCH WITH SPRING RETURN 32A IN PLASTIC ENCLOSURE 90X90MM WITH RED/YELLOW HANDLE

		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 dable	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		Z40 V	i ir	
Temperature				
remperature	Operating temperature			
	Operating temperature	:-	°C	25
		min	°C	-25 - 5
	Storage temporatives	max	C	+55
	Storage temperature		°C	40
		min	°C	-40

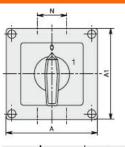


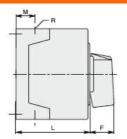
ENCLOSED ROTARY CAM SWITCH 7GN SERIES, 1-PHASE MOTOR REVERSING SWITCH WITH SPRING RETURN 32A IN PLASTIC ENCLOSURE 90X90MM WITH RED/YELLOW HANDLE

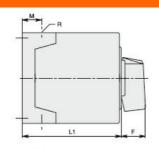
max °C +70

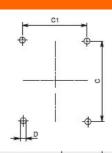
Resistance & Protection	
Frontal IP degree	IP65
Terminals IP degree	IP00

Dimensions



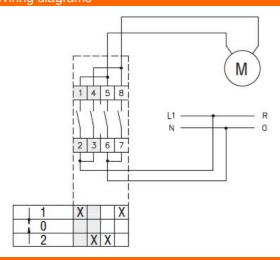






Series	Enclosure size	Number o	f elements	Dimensions								Cable	Protection		
		L	L1	Α	A1	С	C1	D	F	M	N	L	L1	entry	degree
7GN12	75x75	1-2	3 - 4												
7GN20		1-2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65
7GN25		1	2-3												
7GN12	90x90	1-3	4 - 6												
7GN20		1-3	4 - 6	00000		0.000	100000	10000000	2000	100000				200000000000000000000000000000000000000	100000000000000000000000000000000000000
7GN25		1-2	3 - 4	90	90	79	63	4.5	25	19	30	71.3	98.3	4xPG16	IP65
7GN32		1-2	3 - 4			3.55				33-2-5					30-30-30-17
7GN40		1	2-3												
7GN12	110x110	1 - 4	5 - 8												
7GN20		1 - 4	5 - 8												
7GN25		1-3	4 - 5	110	110	98.4	83	4.5	32	21	39.5	85.5	119.5	4xPG21	IP65
7GN32		1-3	4 - 5	110	110	90.4	00	4.5	32	21	39.5	05.5	119.5	417621	100
7GN40		1-2	3 - 5												
7GN63		1-2	3 - 4												
7GN32	125x175	1 - 3	4 - 5												
7GN40		1 - 2	3 - 4	125	175	146	112	5.5	32	21	68	84.3	118.3	4xPG21	IP65
7GN63		1 - 2	3 - 4	123	1/5	140	112	5.5	32	21	00	04.3	110.3	2xPG11	1100
7GN125		1	2							N.	L.				
7GN32	180x254	1 - 5	6 - 8												
7GN40		1 - 4	5 - 7	180	254	120	190	5.5	32	35	76	121	175	4xPG29	IP65
7GN63		1 - 3	4 - 6	100	204	120	190	5.5	32	35	10	121	1/5	2xPG11	11.00
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

EAC

ETIM classification



7GN3225P25

ENCLOSED ROTARY CAM SWITCH 7GN SERIES, 1-PHASE MOTOR REVERSING SWITCH WITH SPRING RETURN 32A IN PLASTIC ENCLOSURE 90X90MM WITH RED/YELLOW HANDLE

ETIM 8.0

EC001029 -Selector switch, complete