electric ENCLOSED ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 32A IN PLASTIC ENCLOSURE 90X90MM WITH RED/YELLOW HANDLE



Product designation			Rotary cam
Product type designation			switches 7GN32
General characteristics			7 GN32
			92 - ON/OFF
Switching diagram			switch 4 poles
N° of elements			2
Mounting form			P25 - Plastic enclosure with
Mounting form			red/yellow handle
Contact characteristics			reary enew manare
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
	50kA	Α	32
Rated short time current Icw			
	1s	kA	800
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		Α	32
AC15	440)/	•	0.5
	110V	A	25
	220/230V 380/400V	A A	20 10
	660/690V	A	2
Rated operational power in AC	000/0001		
Three-phase AC-3			
·	220/230V	kW	7.5
	380/440V	kW	11
<u></u>	500/690V	kW	11
Single-phase AC-3			
	110V	kW	2.2
	220/230V	kW	4
	380/440V	kW	6.5
Three-phase AC23A			



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ENERGY AND AUTOMATION	

		220/230V	kW	8
		380/440V	kW	15
		500/690V	kW	18.5
	Single-phase AC23A	000,0001		10.0
	onigio pridocitiozoni	110V	kW	2.2
		220/230V	kW	4
		380/440V	kW	7.5
Rated operational curre	ent in DC	000/4+0 v	IX V V	7.0
rated operational carre	DC21A			
	502170	48V	Α	32
		60V	A	32
		110V	A	6
		220V	A	0.9
	DC23A (poles in series)			
	DOZSA (poles in series)	24V	Α	32 (1)
		48V	A	32 (2)
		60V	A	32 (3)
		110V	A	15 (3)
		220V	A	
	DC13	ZZUV	Α	12 (4)
	DOTS	24V	Α	32
		48V		
		46 V 60 V	A	25
			A	16
		110V	A	3
D P C C		220V	A	0.5
Power dissipation			W	1.5
Mechanical features				N 4 4
Terminals screw			Nima	M4
Tightening torque for te	erminais max		Nm	1.2
Conductor size	AMO 5: 11 11			
	AWG - Rigid cable			
		min	AWG	16
		Max	AWG	8
	AWG - Flexible cable			
		min	AWG	16
		Max	AWG	10
	Conductor size (IEC) - Flexible cable		_	
		min	mm²	1.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable			
		min	mm²	1.5
_		Max	mm²	6
Mechanical life			cycles	5x10 ⁶
UL technical data				
Motor power for direct-				
	for three-phase motor			
		120V	HP	5
		240V	HP	10
		480V	HP	15
		600V	HP	15
	for single-phase motor			
		120V	HP	2
		240V	HP	5
Ambient conditions				
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Temperature

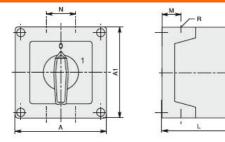
Operating temperature

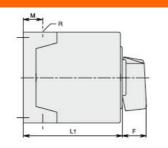
	min	°C	-25	
	max	°C	+55	
Storage temperature				,
	min	°C	-40	
	max	°C	+70	

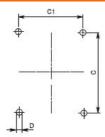
Resistance & Protection

Frontal IP degree	IP65
Terminals IP degree	IP00

Dimensions

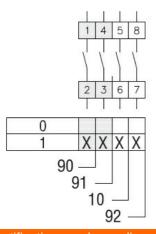






Series	Enclosure	Number o	f elements	Dimensions								Cable	Protection		
Series	size	L	L1	Α	A1	C	C1	D	F	M	N	L	L1	entry	degree
7GN12	75x75	1-2	3 - 4												
7GN20		1-2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65
7GN25		1	2-3												
7GN12	90x90	1-3	4 - 6												
7GN20		1-3	4 - 6				00000							1907 TO NO. 104 NO.	0.0000000000000000000000000000000000000
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		50555		0.00000000		31-11-7-02000000	20000000
7GN40		1	2-3												
7GN12	110x110	1-4	5 - 8												
7GN20		1-4	5 - 8												
7GN25	1	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	96.4	83	4.5	32	21	39.5	80.0	119.5	4XPG21	IPOD
7GN40	1	1-2	3-5												
7GN63		1-2	3 - 4												
7GN32	125x175	1 - 3	4 - 5												-
7GN40	200000000000000000000000000000000000000	1 - 2	3 - 4	125	175	146	112	5.5	32	21	68	84.3	1102	4xPG21	IP65
7GN63		1 - 2	3 - 4	125	1/5	140	112	5.5	32	21	00	04.3	118.3	2xPG11	1200
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



7GN3292P25

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ENERGY AND AUTOMATION

IEC/EN/BS 60947-3 IEC/EN/BS 60947-5-1

Certificates

EAC

ETIM classification

ETIM 8.0 EC001105 - Off-load switch