ENCLOSED ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 3 POLE 32A IN PLASTIC ENCLOSURE 90X90MM WITH RED/YELLOW HANDLE



Product designation			Enclosed rotary
Product type designation			cam switch 7GN32
General characteristics			
Switching diagram			10 - ON/OFF switch 3 poles
N° of elements			2
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
B. 1	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	۸	32
	15kA	A A	32 32
	25kA	A	32
	50kA	A	32
Rated short time current Icw	Oolu t		- 02
	1s	kA	800
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		Α	32
AC15			
	110V	Α	25
	220/230V	Α	20
	380/400V	Α	10
	660/690V	Α	2
Rated operational power in AC			
Three-phase AC-3	000/0001	1,111	7 5
	220/230V 380/440V	kW kW	7.5 11
	380/440V 500/690V	kW	11
Single-phase AC-3	300/030 V	IV V V	11
Olligio pilase AO-5	110V	kW	2.2
	220/230V	kW	4
	380/440V	kW	6.5
Three-phase AC23A			



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		000/000/	1-147	0
		220/230V	kW	8
		380/440V	kW	15
	0'	500/690V	kW	18.5
	Single-phase AC23A	440)/		0.0
		110V	kW	2.2
		220/230V	kW	4
		380/440V	kW	7.5
Rated operational curre				
	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				_
	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			-, 5.55	
Motor power for direct-	on-line control			
motor portor for an out	for three-phase motor			
	io. alloo phaoo motor	120V	HP	5
		240V	HP	10
		480V	HP	15
		600V	HP	15
		000 /	111	10
	for cinala-phaca motor			
	for single-phase motor	120\/	HD	2
	for single-phase motor	120V	HP	2
Ambient conditions	for single-phase motor	120V 240V	HP HP	2 5

ENERGY AND AUTOMATION

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Temperature

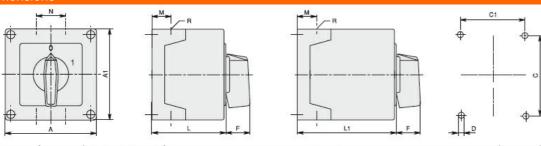
Operating temperature

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

Resistance & Protection

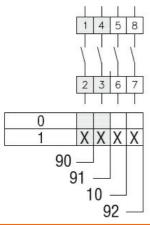
Frontal IP degree	IP65
Terminals IP degree	IP00

Dimensions



Series	Enclosure	Number o	f elements	Dimensions								Cable	Protection		
Series	size	L	L1	Α	A1	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			0.000	00000	10000000						1907 TO SO AN AND SO	
7GN25	1	1-2	3 - 4	90	90	79	63	4.5	25	19	30	71.3	98.3	4xPG16	IP65
7GN32		1-2	3 - 4			3,593				50550				31-11-7-02000000	3000.000
7GN40		1	2-3												
7GN12	110x110	1-4	5 - 8												
7GN20	0350.474.5355 (1881.129 - 1)	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	500000000000000000000000000000000000000	1 - 2	3 - 4	405	475	440	440			0.4	-00	040	4400	4xPG21	IDOS
7GN63	1	1 - 2	3 - 4	125	175	146	112	5.5	32	21	68	84.3	118.3	2xPG11	IP65
7GN125		1	2												
7GN32	180x254	1-5	6-8												
7GN40		1 - 4	5 - 7	400	054	400	400		-00	05	70	404	475	4xPG29	IDOS
7GN63	1	1 - 3	4 - 6	180	254	120	190	5.5	32	35	76	121	175	2xPG11	IP65
7GN125	1	1 - 2	3 - 4	_											

Wiring diagrams



Certifications and compliance

Compliance

IEC/EN/BS 60947-1



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7GN3210P25

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

Certificates

EAC

ETIM classification

ETIM 8.0 EC001105 - Off-load switch