ENERGY AND AUTOMATION

ENCLOSED ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 1 POLE 40A IN PLASTIC ENCLOSURE 110X110MM WITH RED/YELLOW HANDLE



Dradust decimation			Enclosed rotary
Product designation			cam switch
Product type designation			7GN40
General characteristics			40 01/055
Switching diagram			10 - ON/OFF switch 3 poles
N° of elements			2
			P25 - Plastic
Mounting form			enclosure with
			red/yellow handle
Contact characteristics			
Rated insulation voltage Ui	IEC/EN	\ /	000
	IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp	UL/CSA	kV	6
Conventional free air thermal current Ith		IX V	
	IEC/EN	Α	40
	UL/CSA	Α	50
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			_
	10kA	Α	40
	15kA	Α	40
	25kA	Α	40
	50kA	A	40
Rated short time current lcw	63kA	A	40
Rated Short time current icw	1s	kA	1000
Conductivity	13	KΛ	10/5 mA/V
Operational current le IEC/EN			10/0 1117 4 4
AC1/AC21A			
		Α	40
AC15			
	110V	Α	25
	220/230V	Α	22
	380/400V	Α	12
Peter Leavest and a section A.O.	660/690V	Α	2
Rated operational power in AC			
Three-phase AC-3	220/230V	kW	8
	380/440V	kW	15
	500/440V	kW	15
Single-phase AC-3	230,000 V		
- 5 - 1	110V	kW	3
	220/230V	kW	6.5
	380/440V	kW	8



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	Three-phase AC23A			
		220/230V	kW	8
		380/440V	kW	18.5
		500/690V	kW	22
	Single-phase AC23A			
		110V	kW	3
		220/230V	kW	6
		380/440V	kW	11
Rated operational curr	ent in DC			
	DC21A			
		48V	Α	40
		60V	A	40
		110V	A	6
		220V	A	0.9
	DC22A (polos in corios)	220 V		0.9
	DC23A (poles in series)	241/	۸	40 (4)
		24V	A	40 (1)
		48V	A	40 (2)
		60V	A	40 (3)
		110V	A	20 (3)
		220V	Α	12 (4)
	DC13			
		24V	Α	40
		48V	Α	32
		60V	Α	16
		110V	Α	3
Power dissipation			W	2.0
Mechanical features				
Terminals screw				M4
Tightening torque for to	erminals max		Nm	1.2
Conductor size				
0011000101 0120	AWG - Rigid cable			
	AWO Rigid cable	min	AWG	16
		Max	AWG	8
	AWC Florible cable	IVIAX	AWG	
	AWG - Flexible cable		A1A/O	40
		min	AWG	16
		Max	AWG	10
	Conductor size (IEC) - Flexible cable		_	
		min	mm²	1.5
		Max	mm²	6
	Conductor size (IEC) - Rigid cable			
		min	mm²	1.5
		Max	mm²	10
Mechanical life			cycles	5x10 ⁶
UL technical data				
Motor power for direct-	-on-line control			
·	for three-phase motor			
		120V	HP	5
		240V	HP	10
		480V	HP	20
		600V	HP	20
	for single phase meter	V UU V	ПĽ	۷۵
	for single-phase motor	40017	LID	2
		120V	HP	2
		240V	HP	5
Ambient conditions				

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Temperature

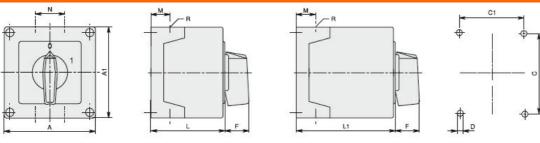
Operating temperature

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

Resistance & Protection

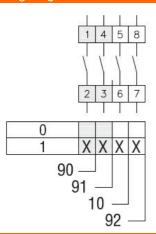
Frontal IP degree	IP65
Terminals IP degree	IP00

Dimensions



Series	Enclosure size	Number o	f elements	Dimensions								Cable	Protection		
Series		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	10000000	2000	180000				1907 TO SO AN AND SO	0.000
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			3,593				31-3-4				31-11-7-02000000	30000000
7GN40		1	2-3												
7GN12	110x110	1-4	5 - 8							1					
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	90.4	83	4.5	32	21	39.5	65.5	119.5	4XPG21	IPOD
7GN40	1	1-2	3 - 5												
7GN63		1-2	3 - 4												
7GN32	125x175	1 - 3	4 - 5												()
7GN40	200.00000000000000000000000000000000000	1 - 2	3 - 4	105	175	4.40	440		32	21	68	040	1100	4xPG21	IDCE
7GN63]	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		20	25	70	404	475	4xPG29	IDCC
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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7GN4010P25

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

Certificates

EAC

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete