

ENCLOSED ROTARY CAM SWITCH 7GN SERIES, 3-PHASE MOTOR REVERSING SWITCH WITH SPRING RETURN 40A IN PLASTIC ENCLOSURE 110X110MM WITH BLACK HANDLE

Product designation				Enclosed rotary cam switch
Product type designati	on			7GN40
General characteristics	6			
Switching diagram				26 - 3-phase motor reversing switch with spring return
N° of elements				3
Mounting form				P - Plastic enclosure with black handle
Contact characteristics				
Rated insulation voltag	e Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstar			kV	6
Conventional free air the	nermal current Ith		_	
		IEC/EN	A	40
		UL/CSA	A	50
Rated operational volta			V	480
Rated operational impo			kV	4
Maximum fuse size for	short-circuit protection In (gG)	401.4		40
		10kA	A	40
		15kA 25kA	A A	40 40
		50kA	A	40
		63kA	A	40
Rated short time curre	nt Icw	00101		
rtatou oriort timo ourio		1s	kA	1000
Conductivity			101	10/5 mA/V
Operational current le	IEC/EN			
	AC1/AC21A			
			Α	40
	AC15			
		110V	Α	25
		220/230V	Α	22
		380/400V	Α	12
		660/690V	Α	2
Rated operational pow				
	Three-phase AC-3			
		220/230V	kW	8
		380/440V	kW	15
	-	500/690V	kW	15
	Single-phase AC-3			•
		110V	kW	3
		220/230V	kW	6.5
	Three phase AC22A	380/440V	kW	8
	Three-phase AC23A	220/2201	1.111	0
		220/230V 380/440V	kW kW	8 18.5
		500/690V	kW	22
	Single-phase AC23A	300/030 V	IV V V	
	Cgio pridoc / 1020/1	110V	kW	3
		1101		-



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		220/230V	kW	6
		380/440V	kW	11
Rated operational cui	rrent in DC			
·	DC21A			
		48V	Α	40
		60V	Α	40
		110V	Α	6
		220V	Α	0.9
	DC23A (poles in series)			
	· · (· · · · · · · · · · · · · · · · · ·	24V	Α	40 (1)
		48V	Α	40 (2)
		60V	A	40 (3)
		110V	A	20 (3)
		220V	A	12 (4)
	DC13	220 V		12 (4)
	DC13	24V	۸	40
			A	40
		48V	A	32
		60V	A	16
		110V	A	3
Power dissipation			W	2.0
Mechanical features				
Terminals screw				M4
Tightening torque for	terminals 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			. •
	Conductor CLES (ILES) Trovilles Galles	min	mm²	1.5
		Max	mm²	6
	Conductor size (IEC) - Rigid cable	Wick		
	Conductor size (IEC) - Rigid cable	min	mm²	1.5
		Max	mm²	10
Mechanical life		IVIAA		5x10 ⁶
UL technical data			cycles	SX 10°
Motor power for direct	at an line central			
wotor power for direc				
	for three-phase motor	40017	וור	E
		120V	HP	5
		240V	HP	10
		480V	HP	20
		600V	HP	20
	for single-phase motor			_
		120V	HP	2
		240V	HP	5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
	Storage temperature	min	°C	-40

IP00

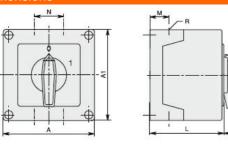
ENERGY AND AUTOMATION

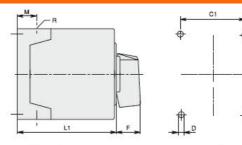
Terminals IP degree

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	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP65

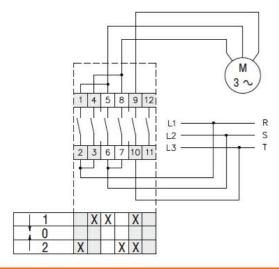
Dimensions





Series	Enclosure size	Number o	f elements	Dimensions							Cable	Protection			
		L	L1	Α	A1	C	C1	D	F	M	N	L	L1	entry	Protection 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	2407.0	100000				2007.075340.004.000000	10000000000000000000000000000000000000
7GN25	1	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	3,550.1	2000.0	53.905	19900	3.33.000.0	504551	2500		100000000000000000000000000000000000000	0000000	311.012000000	9500000
7GN40		1	2-3												
7GN12	110x110	1-4	5 - 8												
7GN20		1 - 4	5 - 8												
7GN25	1	1-3	4 - 5	440	440	00.4	83	4.5	32	04	20.5	05.5	1105	40004	IDCE
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		1-2	3 - 4	405	475	440	440		-00	0.4	-00	040	4400	4xPG21	IDOE
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	100	054	100	100		200	25	70	101	175	4xPG29	IDOC
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



7GN4026P

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EAC

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete