



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

Product designation				Enclosed rotary cam switch
Product type designati	on			7GN40
General characteristics				
Switching diagram				26 - 3-phase motor reversing switch with spring return
N° of elements				3
Mounting form				P25 - Plastic enclosure with red/yellow handle
Contact characteristics				
Rated insulation voltag	e Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstar			kV	6
Conventional free air th	nermal current Ith			
		IEC/EN	Α	40
		UL/CSA	A	50
Rated operational volta	•		V	480
Rated operational impo			kV	4
Maximum fuse size for	short-circuit protection In (gG)			
		10kA	Α	40
		15kA	Α	40
		25kA	Α	40
		50kA	Α	40
<del></del>		63kA	Α	40
Rated short time curre	nt Icw			
<u> </u>		1s	kA	1000
Conductivity	150/51			10/5 mA/V
Operational current le				
	AC1/AC21A		•	40
	1015		Α	40
	AC15	440)/		0.5
		110V	A	25
		220/230V	A	22
		380/400V	A	12
Dated aparational nav	or in AC	660/690V	Α	2
Rated operational pow				
	Three-phase AC-3	220/230V	LAAA	0
		380/440V	kW kW	8 15
		500/440V 500/690V	kW	15
	Single-phase AC-3	300/090 V	KVV	10
	Single-phase AU-3	110V	kW	3
		220/230V	kW	5 6.5
		380/440V	kW	8
	Three-phase AC23A	330/ TTO V		
	111100 p11000 /1020/1	220/230V	kW	8
		380/440V	kW	18.5
		500/690V	kW	22
	Single-phase AC23A	230,000	·	
	3 - 1	110V	kW	3
			•	





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		220/230V	kW	6
		380/440V	kW	11
Rated operational curr				
	DC21A	4017		40
		48V	A	40
		60V	A	40
		110V	A	6
	70001 ( )	220V	Α	0.9
	DC23A (poles in series)	0.01		10 (1)
		24V	A	40 (1)
		48V	Α	40 (2)
		60V	Α	40 (3)
		110V	Α	20 (3)
		220V	A	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 t	erminals max		Nm	1.2
Conductor size				
	AWG - Rigid cable			
	g	min	AWG	16
		Max	AWG	8
	AWG - Flexible cable	Wich	71110	
	AWG TICKIBIC CUBIC	min	AWG	16
		Max	AWG	10
	Conductor size (IEC) - Flexible cable	IVIAX	AVVO	10
	Conductor size (ILC) - I lexible cable	min	mm²	1.5
		Max	mm²	6
	Condustor size (IEC) Digid coble	IVIAA	1111111	0
	Conductor size (IEC) - Rigid cable		2	4 5
		min May	mm²	1.5
NA 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Max	mm²	10
Mechanical life			cycles	5x10 <sup>6</sup>
UL technical data	and Programme Conf.			
Motor power for direct				
	for three-phase motor	40014		_
		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			
	•	min	°C	-40
		111111	U	70

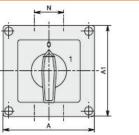


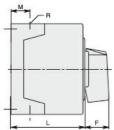
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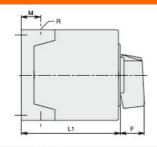
max °C +70

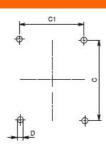
Resistance & Protection	
Frontal IP degree	IP65
Terminals IP degree	IP00

# Dimensions



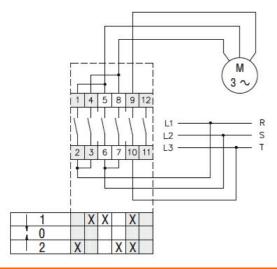






Series	Enclosure size	Number o	f elements	Dimensions							Cable	Protection			
Series		L	L1	Α	A1	С	C1	D	F	M	N	L	L1	entry	degree
7GN12	75x75	1-2	3 - 4												
7GN20		1-2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65
7GN25		1	2-3												
7GN12	90x90	1-3	4 - 6												
7GN20		1-3	4 - 6			0000	00000		2000	100000				1907 TO NO. 174 BOOK	0.0000000000000000000000000000000000000
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				37-33					30-30-30-77
7GN40		1	2-3												
7GN12	110x110	1-4	5 - 8							1					
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	00.0	119.5	417621	11.00
7GN40		1-2	3 - 5												
7GN63		1-2	3 - 4												
7GN32	125x175	1-3	4 - 5												
7GN40	06000083800808	1-2	3 - 4	125	175	146	112	5.5	32	21	68	84.3	118.3	4xPG21	IP65
7GN63		1 - 2	3 - 4	125	1/5	140	112	5.5	32	21	00	04.3	110.3	2xPG11	1200
7GN125		1	2												
7GN32	180x254	1-5	6-8												
7GN40		1 - 4	5 - 7	180	254	120	190	5.5	32	35	76	121	175	4xPG29	IDCE
7GN63	1	1 - 3	4 - 6	180	204	120	190	5.5	32	35	76	121	1/5	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



#### 7GN4026P25

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EAC

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete