



ENCLOSED ROTARY CAM SWITCH 7GN SERIES, 1-PHASE MOTOR REVERSING SWITCH WITH SPRING RETURN 40A IN PLASTIC ENCLOSURE 110X110MM WITH RED/YELLOW HANDLE

Product designation				Enclosed rotary
Product type designation	an			cam switch 7GN40
General characteristics				70140
Switching diagram				25 - 1-phase motor reversing switch with spring return
N° of elements				2
Mounting form				P25 - Plastic enclosure with red/yellow handle
Contact characteristics				
Rated insulation voltage	e Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstan			kV	6
Conventional free air th	ermal current Ith			
		IEC/EN	Α	40
		UL/CSA	A	50
Rated operational volta			V	480
Rated operational impu			kV	4
Maximum tuse size for	short-circuit protection In (gG)	401.4		40
		10kA	A	40
		15kA	A	40
		25kA 50kA	A A	40 40
		63kA	A	40
Rated short time currer	at Icw	USKA		40
reaced short time curren	it iow	1s	kA	1000
Conductivity		13	IV-1	10/5 mA/V
Operational current le I	FC/FN			10/0 11// 1
oporational outront to t	AC1/AC21A			
	7.6 17.6217.		Α	40
	AC15			
		110V	Α	25
		220/230V	Α	22
		380/400V	Α	12
		660/690V	Α	2
Rated operational power	er in AC			
	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
		380/440V	kW	8
	Three-phase AC23A			•
		220/230V	kW	8
		380/440V	kW	18.5
	Single phase ACCCA	500/690V	kW	22
	Single-phase AC23A	110V	J-\^/	2
		1100	kW	3





ENCLOSED ROTARY CAM SWITCH 7GN SERIES, 1-PHASE MOTOR REVERSING SWITCH WITH SPRING RETURN 40A IN PLASTIC ENCLOSURE 110X110MM WITH RED/YELLOW HANDLE

		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 ⁶
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

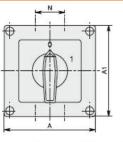


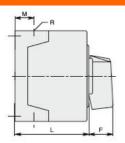
ENCLOSED ROTARY CAM SWITCH 7GN SERIES, 1-PHASE MOTOR REVERSING SWITCH WITH SPRING RETURN 40A IN PLASTIC ENCLOSURE 110X110MM WITH RED/YELLOW HANDLE

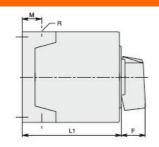
max °C +70

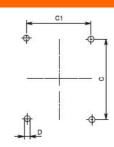
	 _	
Resistance & Protection		
Frontal IP degree		IP65
Terminals IP degree		IP00

Dimensions



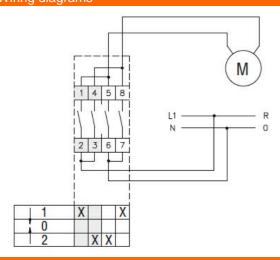






Series	Enclosure size	Number o	f elements	Dimensions								Cable	Protection		
		L	L1	Α	A1	C	C1	D	F	M	N	L	L1	entry	degree
7GN12	75x75	1-2	3 - 4												
7GN20		1-2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65
7GN25		1	2-3												
7GN12	90x90	1-3	4 - 6												
7GN20]	1-3	4 - 6	0.000		0.00	100000	10000000	2000	100000				200000000000000000000000000000000000000	100000000000000000000000000000000000000
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							337.55					31-30-34-17
7GN40		1	2-3												
7GN12	110x110	1 - 4	5 - 8												
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	30.4	00	4.5	32	21	39.3	00.0	119.5	47.5021	11.00
7GN40		1-2	3 - 5												
7GN63		1-2	3 - 4												
7GN32	125x175	1 - 3	4 - 5												191
7GN40		1 - 2	3 - 4	125	175	146	112	5.5	32	21	68	84.3	118.3	4xPG21	IP65
7GN63		1 - 2	3 - 4	123	173	140	112	0.0	32	21	00	04.0	110.5	2xPG11	11 00
7GN125		1	2							,					
7GN32	180x254	1 - 5	6 - 8												
7GN40	1	1 - 4	5 - 7	180	254	120	190	5.5	32	35	76	121	175	4xPG29	IP65
7GN63]	1 - 3	4 - 6	100	234	120	130	0.0	02	33	,,,	121	1/3	2xPG11	11 00
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

EAC

ETIM classification



7GN4025P25

ENCLOSED ROTARY CAM SWITCH 7GN SERIES, 1-PHASE MOTOR REVERSING SWITCH WITH SPRING RETURN 40A IN PLASTIC ENCLOSURE 110X110MM WITH RED/YELLOW HANDLE

ETIM 8.0

EC001029 -Selector switch, complete