

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

Product designation			Enclosed rotary cam switch
Product type designation  General characteristics			7GN40
Switching diagram			05 - ON/OFF switch 1 pole
N° of elements			1
Mounting form			P - Plastic enclosure with black handle
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
Detections describbates deselles as I lines	UL/CSA	V V	600
Rated impulse withstand voltage Uimp  Conventional free air thermal current Ith		kV	6
Conventional free all thermal current fin	IEC/EN	Α	40
	UL/CSA	A	50
Rated operational voltage	02,007.	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	Α	40
Peter Laborat Conservation	63kA	A	40
Rated short time current Icw	10	kA	1000
Conductivity	1s	KA	10/5 mA/V
Operational current le IEC/EN			10/3 111/7 V
AC1/AC21A			
110 171102 171		Α	40
AC15			
	110V	Α	25
	220/230V	Α	22
	380/400V	Α	12
	660/690V	Α	2
Rated operational power in AC			
Three-phase AC-3	000/000	1.147	0
	220/230V	kW	8
	380/440V 500/690V	kW kW	15 15
Single-phase AC-3	300/0301	IV V V	10
Olligio phaso AO o	110V	kW	3
	220/230V	kW	6.5
	380/440V	kW	8
Three-phase AC23A			
	220/230V	kW	8
	380/440V	kW	18.5
· · · · · · · · · · · · · · · · · · ·	500/690V	kW	22
Single-phase AC23A		1.357	0
	110V	kW	3
	220/230V	kW	6



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

		380/440V	kW	11
Rated operational curr	rent in DC			
	DC21A			
		48V	Α	40
		60V	Α	40
		110V	Α	6
		220V	Α	0.9
	DC23A (poles in series)	2.07	_	10 (1)
		24V	A	40 (1)
		48V	A	40 (2)
		60V	A	40 (3)
		110V 220V	A	20 (3)
	DC13	2201	A	12 (4)
	DC13	24V	۸	40
		24 V 48 V	A A	40 32
		60V	A	16
		110V	A	3
Power dissipation		1100	W	2.0
Mechanical features			V V	<u></u>
Terminals screw				M4
Tightening torque for t	erminals max		Nm	1.2
Conductor size				
00.1.440.10.10.10.10	AWG - Rigid cable			
	71110 Trigita dabie	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	6
	Conductor size (IEC) - Rigid cable			
		min	mm²	1.5
		Max	mm²	10
Mechanical life			cycles	5x10 <sup>6</sup>
UL technical data				
Motor power for direct				
	for three-phase motor			
		120V	HP	5
		240V	HP	10
		480V	HP	20
		600V	HP	20
	for single-phase motor			_
		120V	HP	2
A colling to		240V	HP	5
Ambient conditions				
Temperature				
	Operating temperature		°C	0.F
		min	°C	-25 - 5
	Characte to manage to mana	max	°C	+55
	Storage temperature	!	°C	40
		min	°C	-40 -70
		max		+70



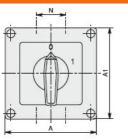
ENCLOSED ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 1 POLE 40A IN PLASTIC ENCLOSURE 110X110MM WITH BLACK HANDLE

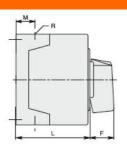
## ENERGY AND AUTOMATION

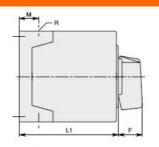
### Resistance & Protection

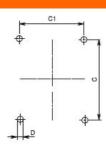
Frontal IP degree IP65
Terminals IP degree IP00

#### **Dimensions**



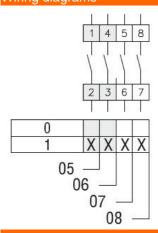






Series	Enclosure size	Number o	f elements	Dimensions							Cable	Protection			
		L	L1	Α	A1	С	C1	D	F	M	N	L	L1	entry	degree
7GN12	75x75	1-2	3 - 4												
7GN20		1-2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65
7GN25		1	2-3												
7GN12	90x90	1-3	4 - 6												
7GN20		1-3	4 - 6	2000	1000	0000	10000	1000000	45254	10000	4500		1000000	200 12 12 12 12 12 12 12	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												
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	02	"	00.0	00.0	113.5	TAIGET	11 00
7GN40		1-2	3 - 5												
7GN63		1-2	3 - 4												
7GN32	125x175	1 - 3	4 - 5												***
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	120	170	140	1112	0.0	OL.		"	04.0	110.0	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	,50	254	.20	.50	0.0	J.	50		,21		2xPG11	30
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



#### 7GN4005P

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

ETIM 8.0

EC001029 -Selector switch, complete