

ENCLOSED ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH 1 POLE 25A IN PLASTIC ENCLOSURE 75X75MM WITH BLACK HANDLE

Product designation			Enclosed rotary
Product type designation			cam switch 7GN25
General characteristics			7 61420
Switching diagram			51 - Changeover switch 1 pole
N° of elements			1
Mounting form			P - Plastic enclosure with black handle
Contact characteristics			black Harlato
Rated insulation voltage Ui			
	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith	150/51		
	IEC/EN UL/CSA	A	25 30
Rated operational voltage	UL/CSA	A V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)		IX V	
(9 °)	10kA	Α	25
	15kA	Α	25
	25kA	Α	25
Rated short time current lcw			
	1s	kA	400
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		Α	25
AC15			23
AOTO	110V	Α	16
	220/230V	Α	12
	380/400V	Α	8
	660/690V	Α	2
Rated operational power in AC			
Three-phase AC-3	/		
	220/230V	kW	5.5
	380/440V 500/690V	kW kW	7.5 7.5
Single-phase AC-3	300/0901	KVV	7.5
Omgre phase Ao o	110V	kW	1.5
	220/230V	kW	3
	380/440V	kW	5.5
Three-phase AC23A			
	220/230V	kW	6.5
	380/440V	kW	11
Oinstead and A OOOA	500/690V	kW	11
Single-phase AC23A	110V	J.\^ <i>I</i>	1.5
		kW kW	1.5 3.7
Rated operational current in DC	220/230V 380/440V	kW kW	3.7 5.5



ENCLOSED ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH 1 POLE 25A IN PLASTIC ENCLOSURE 75X75MM WITH BLACK HANDLE

DC21A					
Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable Conduc		DC21A	40)/		0.5
1100					
DC23A (poles in series)					
DC23A (poles in series)					
A		DC22A (polos in corios)	220V	A	0.7
ABV A 25 (2) A 10 (4) A 12 (3) A 12 (3) A 10 (4) A 10 (4)		DC23A (poles in series)	24\/	۸	25 (1)
100					
Marchanical life					
DC13					
DC13					
Rechanical life		DC13			
Mechanical life			24V	Α	25
Power dissipation					
Power dissipation			60V	Α	
Power dissipation Work W					
Power dissipation W					
Mechanical features	Power dissipation				
Mathematics					
AWG - Rigid cable	Terminals screw				M3.5
AWG - Rigid cable	Tightening torque for te	rminals max		Nm	0.8
Max	Conductor size				_
Max AWG 10 AWG - Flexible cable		AWG - Rigid cable			
AWG - Flexible cable			min	AWG	20
Max AWG 20 Max AWG 12 Max Mm² 4 Max Max Mm² 4 Max M			Max	AWG	10
Max AWG 12		AWG - Flexible cable			
Conductor size (IEC) - Flexible cable			min	AWG	20
Max min mm² 0.5 Max mm² 4			Max	AWG	12
Max mm² 4		Conductor size (IEC) - Flexible cable			
Conductor size (IEC) - Rigid cable					
Mechanical life			Max	mm²	4
Max mm² 4 Mechanical life cycles 5x106 UL technical data Motor power for direct-on-line control for three-phase motor 120V HP 3 240V HP 5 480V HP 10 600V HP 15 600V HP 15 600V HP 1.5 240V HP 3 Ambient conditions Temperature min °C -25 -25 min °C -55 Storage temperature Storage temperature min °C -40 -40 -40 min °C -40 -40 <td></td> <td>Conductor size (IEC) - Rigid cable</td> <td></td> <td></td> <td></td>		Conductor size (IEC) - Rigid cable			
Mechanical life cycles 5x106 UL technical data Motor power for direct-on-line control for three-phase motor 120V HP 3 240V HP 10 600V HP 15 for single-phase motor 120V HP 1.5 240V HP 3 Ambient conditions Temperature Operating temperature min °C -25 max °C +55 Storage temperature min °C -40 max °C +70					
Motor power for direct-on-line control			Max		
Motor power for direct-on-line control for three-phase motor 120V HP 3 240V HP 5 480V HP 10 600V HP 15 15 for single-phase motor 120V HP 1.5 240V HP 3 Ambient conditions Temperature Operating temperature min °C -25 max °C +55 Storage temperature min °C -40 max °C +70				cycles	5x10 ⁶
for three-phase motor 120V					
120V	Motor power for direct-				
240V		tor three-phase motor	40017	LID	0
A80V HP 10 HP 15					
600V HP 15					
To single-phase motor					
120V		for single phase mater	0000	חר	10
Ambient conditions		ioi single-phase motol	120\/	ЫD	1.5
Ambient conditions					
Operating temperature	Ambient conditions		∠ 4 ∪ ۷	i II	
Operating temperature min °C -25 max °C +55 Storage temperature min °C -40 max °C +70					
min °C -25 max °C +55 Storage temperature min °C -40 max °C +70	· omporatoro	Operating temperature			
max °C +55 Storage temperature min °C -40 max °C +70		Sporating temperature	min	°C	-25
Storage temperature min °C -40 max °C +70					
min °C -40 max °C +70		Storage temperature	max		
max °C +70			min	°C	-40
	Resistance & Protectio	n			



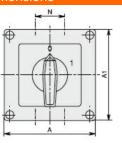
ENERGY AND AUTOMATION

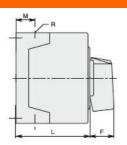
ENCLOSED ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH 1 POLE 25A IN PLASTIC ENCLOSURE 75X75MM WITH BLACK HANDLE

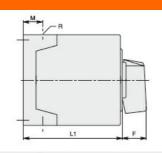
Frontal IP degree IP65

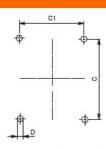
Terminals IP degree IP00

Dimensions



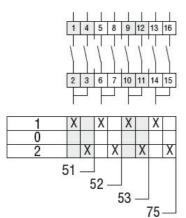






Series	Enclosure size	Number o	f elements	Dimensions									Cable	Protection	
Series		L	L1	Α	A1	C	C1	D	F	M	N	L	L1	entry	degree
7GN12	75x75	1-2	3 - 4												
7GN20		1-2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65
7GN25		1	2-3												
7GN12	90x90	1-3	4 - 6												
7GN20]	1-3	4 - 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

ETIM 8.0

EC001029 -Selector switch, complete





ENCLOSED ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH 1 POLE 25A IN PLASTIC ENCLOSURE 75X75MM WITH BLACK HANDLE