



ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH 1 POLE 25A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

Product designation			Rotary cam
Product type designation			switches 7GN25
General characteristics			7 61126
Switching diagram			51 - Changeover switch 1 pole
N° of elements			1
Mounting form			U47 - Snap on fron mounting with black handle for hole diam. 22mm finxing
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith			
	IEC/EN	A	25
Rated operational voltage	UL/CSA	A V	30 480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)		ΚV	
Maximum rado dizo for difere diferent procedurer in (go)	10kA	Α	25
	15kA	Α	25
	25kA	Α	25
Rated short time current Icw			
	1s	kA	400
Conductivity			10/5 mA/V
Operational current le IEC/EN AC1/AC21A			
ACT/ACZTA		Α	25
AC15			
	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	[-\A/	5.5
	380/440V	kW kW	5.5 7.5
	500/690V	kW	7.5
Single-phase AC-3			
Ç ,	110V	kW	1.5
	220/230V	kW	3
	380/440V	kW	5.5
Three-phase AC23A	000/000	130	0.5
	220/230V	kW	6.5
	380/440V 500/690V	kW kW	11 11
Single-phase AC23A	300/0907	r. v v	11
Single phase Nozon	110V	kW	1.5
	220/230V	kW	3.7
	380/440V	kW	5.5





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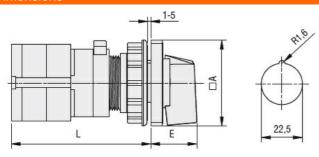
Rated operational cu	rrent in DC			
rated operational ou	DC21A			
	D021/1	48V	Α	25
		60V	A	25
		110V	A	4
		220V	Α	0.7
	DC23A (poles in series)	2201	- , ,	
	2020/ (poids in conce)	24V	Α	25 (1)
		48V	A	25 (2)
		60V	Α	25 (3)
		110V	Α	12 (3)
		220V	Α	10 (4)
	DC13	2201	,,	10 (1)
	2010	24V	Α	25
		48V	Α	20
		60V	A	16
		110V	Α	1.5
		220V	A	0.4
Power dissipation		220 V	W	1.1
Mechanical features			• • •	1.1
Terminals screw				M3.5
Tightening torque for	terminals max		Nm	0.8
Conductor size	terminale max		1 4111	0.0
Conductor Size	AWG - Rigid cable			
	AWG - Nigia cable	min	AWG	20
		Max	AWG	10
	AWG - Flexible cable	IVICA	AVVO	10
	AVVO - I lexible cable	min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable	IVIAX	AVVG	12
	Conductor Size (IEC) - I lexible cable	min	mm²	0.5
		Max	mm²	4
	Conductor size (IEC) - Pigid cable	IVICA	111111	
	Conductor size (IEC) - Rigid cable	min	mm²	0.5
		Max	mm²	4
Mechanical life		IVIAX		5x10 ⁶
UL technical data			cycles	53.10
Motor power for direct	et on line control			
wotor power for direc				
	for three-phase motor	120V	HP	3
		240V	пР HP	5 5
		480V	пР HP	10
		600V	HP	15
	for single-phase mater	0007	I II	10
	for single-phase motor	120V	HP	1.5
		120V 240V	HP HP	3
Ambient conditions		24U V	ПР	J
Temperature				
remperature	Operating temperature			
	Operating temperature	mai:-	°C	25
		min	°C	-25 -55
	Character temporary	max	C	+55
	Storage temperature		°C	40
		min	°C	-40 - 70
		max	°C	+70



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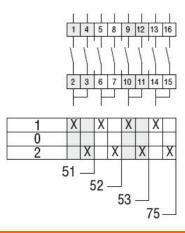
Resistance & Protection Frontal IP degree IP40 Terminals IP degree IP00

Dimensions



Series	Dimensions		L			
	□A	Е	1	2	3	8
7GN12	48	26.5	58	67.7	77.4	125.9
7GN20	48	26.5	58	67.7	77.4	125.9
7GN25	48	26.5	62.4	76	89.6	157.6

Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 14 IEC/EN/BS 60947-1

IEC/EN/BS 60947-3

IEC/EN/BS 60947-5-1 UL60947-4-1

Certificates

cCSAus

EAC

UL

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete