



ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 2 POLES 20A, FOR FRONT MOUNTING WITHOUT FRONT PLATE WITH KEY OPERATION FOR HOLE Ø22MM FIXING

Draduct designation			Rotary cam
Product designation			switches
Product type designation General characteristics			7GN20
Switching diagram			06 - ON/OFF switch 2 poles
N° of elements			1
Mounting form			U12 - Front mounting without front plate with key operation for hole diam. 22mm fixing
Contact characteristics Rated insulation voltage Ui			
Nated Insulation voltage of	IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith	IEC/EN UL/CSA	A A	20 20
Rated operational voltage	OL/C3A		480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	Α	20
	15kA	Α	16
Detect of the out time a company law.	25kA	A	16
Rated short time current Icw	1s	kA	250
Conductivity	10	10 (10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		Δ.	0.0
AC15		A	20
AC15	110V	Α	10
	220/230V	A	8
	380/400V	Α	6
	660/690V	Α	1.5
Rated operational power in AC			
Three-phase AC-3	000/0001/		•
	220/230V	kW	3
	380/440V 500/690V	kW kW	5.5 5.5
Single-phase AC-3	300/030 V	IVV	0.0
enigra pridata i i e	110V	kW	0.8
	220/230V	kW	2.2
	380/440V	kW	3
Three-phase AC23A			_
	220/230V	kW	5
	380/440V 500/690V	kW kW	7.5 7.5
Single-phase AC23A	500/080V	r.vv	1.0
Ciligio Pridos NOZON	110V	kW	0.8
	220/230V	kW	2.5





7GN2006U12

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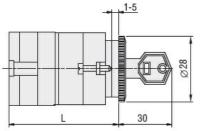
		380/440V	kW	3.7
Rated operational cu				
	DC21A	401/	Δ.	00
		48V	A	20
		60V 110V	A A	20 4
		220V	A	0.6
		440V	A	0.25
	DC23A (poles in series)	440 V		0.23
	DOZOA (poles in series)	24V	Α	20 (1)
		48V	A	20 (2)
		60V	A	20 (3)
		110V	A	10 (3)
		220V	A	8 (4)
	DC13	220 V		0 (4)
	2010	24V	Α	20
		48V	A	16
		60V	A	12
		110V	A	1
		220V	A	0.4
		440V	A	0.15
Power dissipation		TTO V	W	0.8
Mechanical features			**	0.0
Terminals screw				M3
Fightening torque for	terminals may		Nm	0.5
Conductor size	terminals max		1 4111	0.0
3011440101 3120	AWG - Rigid cable			
	AWG - Rigid Cable	min	AWG	20
		Max	AWG	12
	AWG - Flexible cable	IVIAA	700	12
	AVVG - Flexible Cable	min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable	IVIAA	700	17
	Conductor size (ILC) - I lexible cable	min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable	IVIAA	1111111	2.0
	Conductor Size (ILO) - Rigid cable	min	mm²	0.5
		Max	mm²	2.5
Mechanical life		iviax	cycles	5x10 ⁶
JL technical data			Cycles	UA 10
Motor power for direct	rt-on-line control			
violoi powei ioi uilet				
	for three-phase motor	120V	HP	1.5
				3
		7 101 /	ЦΠ	
		240V	HP up	
		480V	HP	7.5
	for single phase mater			
	for single-phase motor	480V 600V	HP HP	7.5 10
	for single-phase motor	480V 600V 120V	HP HP	7.5 10 0.75
	for single-phase motor	480V 600V	HP HP	7.5 10
	for single-phase motor	480V 600V 120V	HP HP	7.5 10 0.75
Ambient conditions Femperature		480V 600V 120V	HP HP	7.5 10 0.75
	for single-phase motor Operating temperature	480V 600V 120V 240V	HP HP HP HP	7.5 10 0.75 2
		480V 600V 120V	HP HP	7.5 10 0.75



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Storage temperature			
Ç ,	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00

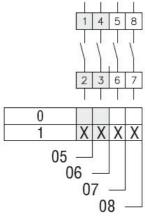
Dimensions





Series	L			
Series	1	2	3	8
7GN12	47	56.7	66.4	114.9
7GN20	47	56.7	66.4	114.9
7GN25	51.4	65	78.6	146.6

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

EC001105 - Offload switch