

ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH WITHOUT 0, 4 POLES 20A, FOR FRONT MOUNTING WITH BLACK HANDLE WITHOUT FRONT PLATE FOR HOLE Ø22MM FIXING

				Rotary cam
Product designation				switches
Product type designation				7GN20
General characteristics				CO. Changeaver
Switching diagram				69 - Changeover switch without 0 4 poles
N° of elements				4
				U11 - Front
Mounting form				mounting with black handle without front plate for hole diam.
				22mm fixing
Contact characteristics				
Rated insulation voltage	e Ui			
		IEC/EN	V	690
Data Plana Inc. 20 at a	Lander and Process	UL/CSA	V	600
Rated impulse withstan Conventional free air th			kV	6
Conventional free air th	ermai current ith	IEC/EN	Α	20
		UL/CSA	A	20
Rated operational volta	nge .	OLICOA	$\frac{\lambda}{V}$	480
Rated operational impu			kV	4
	short-circuit protection In (gG)			•
Maximan race size for	onen en ean protection in (go)	10kA	Α	20
		15kA	Α	16
		25kA	Α	16
Rated short time currer	nt Icw			
		1s	Α	250
Conductivity				10/5 mA/V
Operational current le l				
	AC1/AC21A			
			Α	20
	AC15	440)/		4.0
		110V	A	10
		220/230V 380/400V	A A	8 6
		660/690V	A	1.5
Rated operational power	er in AC	000/000 V	- / \	1.0
rated operational power	Three-phase AC-3			
	Times phase 718 c	220/230V	kW	3
		380/440V	kW	5.5
		500/690V	kW	5.5
	Single-phase AC-3			
		110V	kW	0.8
		220/230V	kW	2.2
		380/440V	kW	3
	Three-phase AC23A	000/000	1 1 4 7	F
		220/230V	kW	5
		380/440V 500/690V	kW kW	7.5 7.5
	Single-phase AC23A	500/090V	r. v v	1.0
	olingio pilaso AozoA	110V	kW	0.8
		1100	17.4.4	<u> </u>



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		220/230V	kW	2.5
		380/440V	kW	3.7
Rated operational curr				
	DC21A			
		48V	Α	20
		60V	Α	20
		110V	Α	4
		220V	Α	0.6
		440V	Α	0.25
	DC23A (poles in series)			
		24V	Α	20 (1)
		48V	Α	20 (2)
		60V	Α	20 (3)
		110V	Α	10 (3)
		220V	Α	8 (4)
	DC13			
		24V	Α	20
		48V	Α	16
		60V	Α	12
		110V	Α	1
		220V	A	0.4
		440V	A	0.15
Power dissipation		1101	W	0.8
Mechanical features			V V	0.0
Terminals screw				M3
Tightening torque for to	erminals max		Nm	0.5
Conductor size	ommaio max			0.0
Conductor SIZE	AWG - Rigid cable			
	AWO Rigid cable	min	AWG	20
		Max	AWG	12
	AWG - Flexible cable	IVIAA	AVVG	12
	AVVG - Flexible cable	min	AWG	20
		min Max	AWG	20
	Conductor size (IEC) Flouible coble	IVIAX	AVVG	14
	Conductor size (IEC) - Flexible cable	!	2	٥.5
		min	mm²	0.5
	Conductor sine (IEO) Dinistration	Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			0.5
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	5x10 ⁶
UL technical data	Parameter I			
Motor power for direct				
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
		480V	HP	7.5
		600V	HP	10
	for single-phase motor			
		120V	HP	0.75
		240V	HP	2
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25



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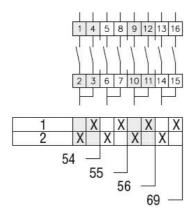
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	max	°C	+55	
Storage temperature				
	min	°C	-40	
	max	°C	+70	
Resistance & Protection				
Frontal IP degree			IP40	
Terminals IP degree			IP00	
Dimensions				

22,5

Series	L			
	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

EC001029 -Selector switch, complete