

7GN1220O48 ROTARY CAM SWITCH 7GN SERIES, DAHLANDER MOTOR 2-SPEED REVERSING SWITCH, 16A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

Product designation			Rotary cam
-			switches
Product type designation General characteristics			7GN12
Switching diagram			20 - Dahlander motor 2-speed reversing switch
N° of elements			6
Mounting form			O48 - Modular service cover for 35mm din rail mounting with black handle
Rated insulation voltage Ui			
IE UL	C/EN /CSA	V V	690 600
Rated impulse withstand voltage Uimp		kV	6
	C/EN /CSA	A A	16 15
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
	10kA 15kA 25kA	A A A	16 10 10
Rated short time current Icw			
	1s	kA	200
			10/5 mA/V
Operational current le IEC/EN AC1/AC21A		A	16
AC15			10
220/ 380/	110V 230V 400V	A A A	10 8 4
Rated operational power in AC	690V	A	1.5
Three-phase AC-3 220/ 380/	440V	kW kW kW	2.5 4 5.5
Single-phase AC-3	030 v		5.5
220/	230V	kW kW kW	0.8 1.5 2.2
Three-phase AC23A		kW	3
		kW	5.5
	690V	kW	7.5
		kW kW	0.8 1.7

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		380/440V	kW	3
Rated operational cu				
	DC21A			
		48V	A	12
		60V	A	12
		110V	A	4
		220V	A	0.6
		440V	A	0.25
	DC23A (poles in series)	24V	٨	10 (1)
		24 v 48 V	A	10 (1)
		48 V 60 V	A A	10 (2)
		110V	A	10 (3) 5 (3)
		220V	A	5 (3) 5 (4)
	DC13	2201	A	5 (4)
	DC13	241/	٨	10
		24V 48V	A	12
		48V 60V	A	10 8
		60V 110V	A	8
			A	1
		220V	A	0.4
Device disain ation		440V	A	0.15
Power dissipation Mechanical features			W	0.8
Terminals screw				M3
Tightening torque for	terminals may		Nm	0.5
Conductor size			INIII	0.5
	AVA/C Rigid coblo			
	AWG - Rigid cable	min	AWG	20
		min		20
		Max	AWG	12
	AWG - Flexible cable			20
		min	AWG	20
	Conductor cize (IEC) Elevible coble	Max	AWG	14
	Conductor size (IEC) - Flexible cable			0.5
			mm²	0.5
	Oandustansias (IEO) Divid sable	Max	mm²	2.5
	Conductor size (IEC) - Rigid cable		2	0.5
		min	mm²	0.5
Mechanical life		Max	mm²	2.5
			cycles	3x10 ⁶
UL technical data	t on line control			
Motor power for direc				
	for three-phase motor	4001/	ЦР	1 5
		120V	HP	1.5
	for single phase motor	240V	HP	3
	for single-phase motor	4001/		0.5
		120V	HP	0.5
Ambient conditions		240V	HP	1
Temperature				
remperature	Operating temperature			
	Operating temperature		°C	-25
		min	°C	-25 +55
	Storage temperature	max	U	+JJ
	Siorage lemperature	min	°C	-40
			U	-40

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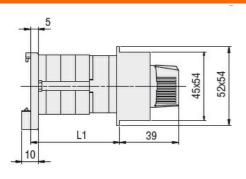
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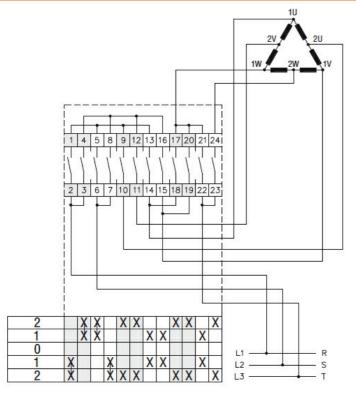
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	max °C +70
Resistance & Protection	
Frontal IP degree	IP40
Terminals IP degree	IP00
Dimensions	



Series	L1			
Series	1	2	3	
7GN12	38.1	47.8	57.5	
7GN20	38.1	47.8	57.5	
7GN25	42.5	56.1	69.7	

Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 14
IEC/EN/BS 60947-1
EC/EN/BS 60947-3
EC/EN/BS 60947-5-1
UL60947-4-1

Certificates

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	cCSAus
	EAC
	UL
ETIM classification	

ETIM 8.0

EC001029 -Selector switch, complete