

ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2, 2 POLES 16A, MODULAR SERVICE COVER FOR 35MM DIN REAL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

Product designation				Rotary cam
_				switches
Product type designat General characteristic				7GN12
	3			123 - Multi-step
Switching diagram				0-1-2 2 poles
N° of elements				2
				O48 - Modular
Mounting form				service cover for 35mm din rail
Woulding form				mounting with
				black handle
Contact characteristics				
Rated insulation voltage	ge Ui			
		IEC/EN	V	690
Data d improving with ato	ad valta ea Hissa	UL/CSA	V	600
Rated impulse withsta Conventional free air t			kV	6
Conventional nee all t	normal current tur	IEC/EN	Α	16
		UL/CSA	Α	15
Rated operational volt	age		V	480
Rated operational imp	_		kV	4
	r short-circuit protection In (gG)			
		10kA	Α	16
		15kA	Α	10
B		25kA	Α	10
Rated short time curre	ent ICW	1s	Α	200
Conductivity		15		10/5 mA/V
Operational current le	IEC/EN			10/0 111/ 0
	AC1/AC21A			
			Α	16
	AC15			
		110V	Α	10
		220/230V	Α	8
		380/400V	A	4
Rated operational pow	ver in AC	660/690V	Α	1.5
rateu operational pow	Three-phase AC-3			
	Throo phase No o	220/230V	kW	2.5
		380/440V	kW	4
		500/690V	kW	5.5
	Single-phase AC-3			
		110V	kW	0.8
		220/230V	kW	1.5
	There are ACOOA	380/440V	kW	2.2
	Three-phase AC23A	220/2201/	12///	2
		220/230V 380/440V	kW kW	3 5.5
		500/690V	kW	5.5 7.5
	Single-phase AC23A	330/030 V	1 \ V \ V	1.0
	g.c p	110V	kW	0.8
		220/230V	kW	1.7



ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2, 2 POLES 16A, MODULAR SERVICE COVER FOR 35MM DIN REAL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

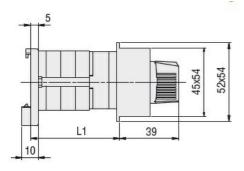
		380/440V	kW	3
Rated operational curre	ent in DC			
	DC21A			
		48V	Α	12
		60V	Α	12
		110V	Α	4
		220V	Α	0.6
		440V	Α	0.25
	DC23A (poles in series)	0.07		40 (4)
		24V	A	10 (1)
		48V	A	10 (2)
		60V	A	10 (3)
		110V	A	5 (3)
	D040	220V	A	5 (4)
	DC13	241/	٨	40
		24V	A	12
		48V	A	10
		60V 110V	A	8
			A	1
		220V	A	0.4
Dower discination		440V	A W	0.15
Power dissipation			VV	0.8
Mechanical features				MO
Terminals screw Tightening torque for te	arminala may		Nm	M3 0.5
Conductor size	eminas max		INIII	0.5
Conductor Size	AWC Digid apple			
	AWG - Rigid cable	min	AWG	20
		Max	AWG	12
	AWG - Flexible cable	IVIAX	AVVG	12
	AVVG - Flexible Cable	min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable	IVIAX	AVVG	14
	Conductor size (IEC) - Flexible cable	min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable	IVIAX	111111	2.5
	Conductor Size (IEO) - Mylu Cable	min	mm²	0.5
		Max	mm²	2.5
Mechanical life		IVICA	cycles	3x10 <sup>6</sup>
UL technical data			Cycles	
Motor power for direct-	on-line control			
otor powor for direct-	for three-phase motor			
	ioi alioo piidoo iiiotoi	120V	HP	1.5
		240V	HP	3
	for single-phase motor	Z-T-0 V	111	
	ioi singio pridocifictor	120V	HP	0.5
		240V	HP	1
Ambient conditions		2.00		·
Temperature				
<del>.</del>	Operating temperature			
	operating temperature	min	°C	-25
		max	°C	+55
	Storage temperature	THAK		
		min	°C	-40
		11111		· <del>-</del>



**ENERGY AND AUTOMATION** 

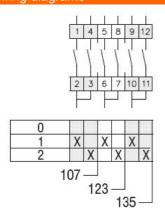
ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2, 2 POLES 16A, MODULAR SERVICE COVER FOR 35MM DIN REAL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

	max	$^{\circ}C$	+70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00
Dimensions			



Carias	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

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