

ROTARY CAM SWITCH 7GN SERIES, 3-PHASE MOTOR REVERSING SWITCH WITH SPRING RETURN 25A, MODULAR SERVICE COVER FOR 35MM DIN REAL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

Product designation			Rotary cam
			switches
Product type designation General characteristics			7GN25
Switching diagram			26 - 3-phase motor reversing switch with spring return
N° of elements			3
Mounting form Contact characteristics			O48 - Modular service cover for 35mm din rail mounting with black handle
Rated insulation voltage Ui			
	IEC/EN UL/CSA	V	690 600
Rated impulse withstand voltage Uimp Conventional free air thermal current Ith		kV	6
Conventional free all thermal current fith	IEC/EN UL/CSA	A A	25 30
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)	10kA 15kA 25kA	A A A	25 25 25
Rated short time current lcw	2010 (
	1s	Α	400
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		Α	25
AC15	110V 220/230V 380/400V	A A A	16 12 8
	660/690V	Α	2
Rated operational power in AC Three-phase AC-3	222/2221		
	220/230V	kW	5.5
	380/440V 500/690V	kW kW	7.5 7.5
Single-phase AC-3	300/0907	L/ A A	1.0
Single phase //e c	110V 220/230V 380/440V	kW kW kW	1.5 3 5.5
Three-phase AC23A	300/440 V	IV V V	0.0
Tilled phase Nozer	220/230V 380/440V	kW kW	6.5 11
	500/690V	kW	11
Single-phase AC23A	110V	kW	1.5



ENERGY AND AUTOMATION

ROTARY CAM SWITCH 7GN SERIES, 3-PHASE MOTOR REVERSING SWITCH WITH SPRING RETURN 25A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

		000/000/	1347	0.7
		220/230V	kW	3.7
Rated operational c	urrent in DC	380/440V	kW	5.5
Nateu operational c	DC21A			
	DOZIA	48V	Α	25
		60V	A	25
		110V	Α	4
		220V	Α	0.7
	DC23A (poles in series)			
		24V	Α	25 (1)
		48V	Α	25 (2)
		60V	Α	25 (3)
		110V	Α	12 (3)
		220V	Α	10 (4)
	DC13			
		24V	Α	25
		48V	Α	20
		60V	A	16
		110V	A	1.5
		220V	Α	0.4
Power dissipation			W	1.1
Mechanical features				MO F
Terminals screw	w to wain allow and		Nina	M3.5
Tightening torque for	or terminals max		Nm	0.8
Conductor size	AMC Digid apple			
	AWG - Rigid cable	min	AWG	20
		Max	AWG	10
	AWG - Flexible cable	IVIAX	AVVG	10
	AVVG - I lexible cable	min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable	IVIOX	71110	12
	Conductor Size (IEC) Trickible cable	min	mm²	0.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable			
	00.100010. 0.20 (120) 1 tigra 00010	min	mm²	0.5
		Max	mm²	4
Mechanical life			cycles	5x10 ⁶
UL technical data				
Motor power for dire	ect-on-line control			
	for three-phase motor			
		120V	HP	3
		240V	HP	5
		480V	HP	10
		600V	HP	15
	for single-phase motor			
		120V	HP	1.5
		240V	HP	3
Ambient conditions				
Temperature	-			
	Operating temperature		2.2	0.5
		min	°C	-25
	Charge to the control of the control	max	°C	+55
	Storage temperature			



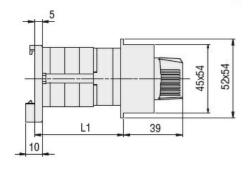
ENERGY AND AUTOMATION

ROTARY CAM SWITCH 7GN SERIES, 3-PHASE MOTOR REVERSING SWITCH WITH SPRING RETURN 25A, MODULAR SERVICE COVER FOR 35MM DIN REAL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

min	°C	-40
max	°C	+70

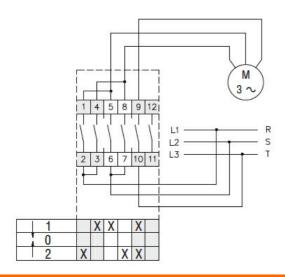
	 •	
Resistance & Protection		
Frontal IP degree		IP40
Terminals IP degree		IP00

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





ROTARY CAM SWITCH 7GN SERIES, 3-PHASE MOTOR REVERSING SWITCH WITH SPRING RETURN 25A, MODULAR SERVICE COVER FOR 35MM DIN REAL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

ETIM 8.0

EC001029 -Selector switch, complete