

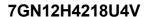
ENERGY AND AUTOMATION

Product designation				Rotary cam switches
Product type designati General characteristics				7GN12
Switching diagram				05 - ON/OFF switch 1 pole
N° of elements				1
Mounting form				O88 - Rear mounting with red/yellow handle padlockable in 0, door coupling and protection covers
Contact characteristics				
Rated insulation voltag		IEC/EN UL/CSA	V V	690 600
Rated impulse withstar			kV	6
Conventional free air th	nermal current Ith	IEC/EN UL/CSA	A A	16 15
Rated operational volta	age		V	480
Rated operational impo			kV	4
Maximum fuse size for	short-circuit protection In (gG)			
		10kA	Α	16
		15kA	Α	10
		25kA	Α	10
Rated short time current lcw		1s	Α	200
Conductivity				10/5 mA/V
Operational current le	IEC/EN AC1/AC21A		A	16
	AC15			
	7.6.16	110V	Α	10
		220/230V	Α	8
		380/400V	Α	4
		660/690V	Α	1.5
Rated operational pow				
	Three-phase AC-3			
		220/230V	kW	2.5
		380/440V	kW	4
	0	500/690V	kW	5.5
	Single-phase AC-3	110V	L///	0.8
		220/230V	kW kW	0.8 1.5
		380/440V	kW	2.2
	Three-phase AC23A	330/ T T O V		
		220/230V	kW	3
		380/440V	kW	5.5
		500/690V	kW	7.5
	Single-phase AC23A			
		110V	kW	0.8



ENERGY AND AUTOMATION

		220/230V	kW	1.7
	DO	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)	0.41/	۸	40 (4)
		24V	A	10 (1)
		48V 60V	A	10 (2)
		110V	A A	10 (3)
		220V	A	5 (3)
	DC13	220 V	Α	5 (4)
	DC13	24V	Α	12
		48V	A	10
		60V	A	8
		110V	A	1
		220V	A	0.4
		440V	A	0.15
Power dissipation		4401	W	0.8
Mechanical features			VV	0.0
Terminals screw				M3
Tightening torque for to	erminals max		Nm	0.5
Conductor size				
	AWG - Rigid cable			
	g.a casis	min	AWG	20
		Max	AWG	12
	AWG - Flexible cable			_
		min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable			
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	3x10 ⁶
UL technical data				
Motor power for direct-				
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
	for single-phase motor			
		120V	HP	0.5
		240V	HP	1
Ambient conditions Temperature				
•	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
	•			





ENERGY AND AUTOMATION

	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00
ETIM classification			
ETIM 8.0			EC001105 - Off- load switch