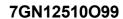




ENERGY AND AUTOMATION

Product designation			Rotary cam switches
Product type designation General characteristics			GN12
Switching diagram			51
N° of elements			1
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	8
Conventional free air thermal current Ith			
	IEC/EN	Α	125
	UL/CSA	Α	130
Rated operational voltage	02/00/1	V	690
Maximum fuse size for short-circuit protection In (gG)		•	000
	10kA	Α	125
	25kA	A	100
	50kA	A	100
	63kA	A	100
Rated short time current lcw	UJKA		100
Nated Short time current tow	1s	Α	2100
Operational current le IEC/EN	13		2100
AC1/AC21A			
ACT/ACZTA		Α	125
AC15		^	120
ACIS	110V	Α	40
	220/230V	A	28
	380/400V	A	15
	660/690V	A	5
Rated operational power in AC	000/030 V		
Three-phase AC-3			
Tillee-pilase AC-3	220/230V	kW	18.5
	380/440V	kW	37
	500/690V	kW	33
Single-phase AC-3	300/030 V	KVV	- 33
Siligie-pliase AC-3	110V	kW	5
	220/230V	kW	11
	380/440V	kW	15
Three-phase AC23A	300/440 V	N V V	10
Tillee-pilase AOZOA	220/230V	kW	30
	380/440V	kW	45
	500/440V 500/690V	kW	37
Single-phase AC23A	300/0301	r. v v	31
Sillyle-phase AO23A	110V	kW	5
	220/230V	kW	5 11
	380/440V	kW	15
Rated operational current in DC	300/4401	IX V V	10
DC21A	48V	Α	125
	60V	A	80
	110V	A	10
	220V	A	1.2
	220 V	^	1.4





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	DC23A (poles in series)			
		24V	Α	125 (1)
		48V	Α	125 (2)
		60V	Α	125 (3)
		110V	Α	50 (3)
		220V	Α	20 (4)
	DC13			
		24V	Α	125
		48V	Α	100
		60V	Α	50
		110V	Α	4
Mechanical features				
Terminals screw				M2X5
Tightening torque for te	erminals max		Nm	2
Conductor size				
	AWG - Rigid cable			
		min	AWG	14
		Max	AWG	1/0
	AWG - Flexible cable			
		min	AWG	14
		Max	AWG	1/0
	Conductor size (IEC) - Flexible cable			
		min	mm²	2.5
	Conductor size (IEC) - Rigid cable			
		min	mm²	2.5
		Max	mm²	50
Mechanical life			cycles	1x10 ⁶
UL technical data				
Motor power for direct-	on-line control			
	for three-phase motor			
		600V	HP	40
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protection	on			
Frontal IP degree				IP40
Terminals IP degree				IP00
ETIM classification				
ETIM 8.0				EC001105 - Off- load switch