



Product designation				Rotary cam switches
Product type designati				GN63
General characteristics				00
Switching diagram N° of elements				90
Contact characteristics				1
Rated insulation voltag	e oi	IEC/EN	V	690
		UL/CSA	V	600
Datad impulse withster	ad voltage Llimp	UL/CSA	kV	6
Rated impulse withstand voltage Uimp Conventional free air thermal current Ith			ΚV	0
Conventional free all ti	lerniai current itti	UL/CSA	۸	60
Datad aparational valte	200	UL/C3A	A V	480
Rated operational voltage Maximum fuse size for short-circuit protection In (gG)			V	400
waxiiiiuiii luse size lol	Short-circuit protection in (gg)	10kA	٨	62
		10KA 25kA	A A	63 63
		25kA 50kA	A	63
Rated short time curre	nt low	JUKA	^	03
Rateu Short time curre	TIL ICW	1s	۸	1600
Operational current le	IEC/EN	15	Α	1000
Operational current le	AC1/AC21A			
	ACT/ACZTA		Α	63
	AC15		^	03
	ACIS	110V	Α	32
		220/230V	A	25
		380/400V	A	15
		660/690V	A	4
Rated operational pow	ver in AC	000/030 V		_
rtated operational pow	Three-phase AC-3			
	Three phase Ao 5	220/230V	kW	11
		380/440V	kW	18.5
		500/690V	kW	18.5
	Single-phase AC-3	000,0001		10.0
	emgie phace ite e	110V	kW	3.7
		220/230V	kW	6.5
		380/440V	kW	11.5
	Three-phase AC23A			
	· F	220/230V	kW	12.5
		380/440V	kW	30
		500/690V	kW	30
	Single-phase AC23A			
		110V	kW	3.7
		220/230V	kW	7.5
		380/440V	kW	12.5



ENERGY AND AUTOMATION

Rated operational curr	ent in DC			
·	DC21A			
		48V	Α	63
		60V	A	50
		110V	A	8
		220V	Α	1
	DC23A (poles in series)			
		24V	Α	50 (1)
		48V	Α	50 (2)
		60V	Α	50 (3)
		110V	Α	25 (3)
		220V	Α	15 (4)
	DC13	220 V		10 (4)
	DC13	0.41/	^	00
		24V	Α	63
		48V	Α	40
		60V	Α	28
		110V	Α	3.3
Mechanical features				
Terminals screw				M5
Tightening torque for to	erminals may		Nm	2
Conductor size	Entitidas max		1 1111	
Conductor Size	ANNO DI LI			
	AWG - Rigid cable			
		min	AWG	14
		Max	AWG	6
	AWG - Flexible cable			
		min	AWG	14
		Max	AWG	8
	Conductor size (IEC) - Flexible cable	Max	7	
	Conductor Size (ILC) - Flexible cable		2	0.5
		min	mm²	2.5
		Max	mm²	10
	Conductor size (IEC) - Rigid cable			
		min	mm²	2.5
		Max	mm²	16
Mechanical life			cycles	5x10 ⁶
UL technical data				
Motor power for direct-	on-line control			
Motor power for difect	for three-phase motor			
	for three-phase motor	4001/	LID	0.5
		480V	HP	25
Ambient conditions				
Temperature				
	Operating temperature			
	. •	min	°C	-25
		max	°C	+55
	Storage temperature	max		
	Storage temperature	•	۰.	40
		min	°C	-40
		max	°C	+70
Resistance & Protection	on			
Frontal IP degree				IP40
Terminals IP degree				IP00
ETIM classification				55
L TIVI CIASSIIICALIUIT				EC00440E 0#
ETIM 8.0				EC001105 - Off-
				load switch