

Product designation				Rotary cam switches
Product type designation				GN63
General characteristics				
Switching diagram				52
N° of elements				2
Options				Enlarged plate
Contact characteristics				
Rated insulation voltage U_i	IEC/EN	V	690	
	UL/CSA	V	600	
Rated impulse withstand voltage U_{imp}		kV	6	
Conventional free air thermal current I_{th}	UL/CSA	A	60	
Rated operational voltage		V	480	
Maximum fuse size for short-circuit protection I_n (gG)	10kA	A	63	
	25kA	A	63	
	50kA	A	63	
Rated short time current I_{cw}		1s	A	1600
Operational current I_e IEC/EN				
AC1/AC21A			A	63
AC15	110V	A	32	
	220/230V	A	25	
	380/400V	A	15	
	660/690V	A	4	
Rated operational power in AC				
Three-phase AC-3	220/230V	kW	11	
	380/440V	kW	18.5	
	500/690V	kW	18.5	
Single-phase AC-3	110V	kW	3.7	
	220/230V	kW	6.5	
	380/440V	kW	11.5	
Three-phase AC23A	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	
Rated operational current in DC				
DC21A	48V	A	63	
	60V	A	50	
	110V	A	8	
	220V	A	1	
DC23A (poles in series)				

24V	A	50 (1)
48V	A	50 (2)
60V	A	50 (3)
110V	A	25 (3)
220V	A	15 (4)

DC13

24V	A	63
48V	A	40
60V	A	28
110V	A	3.3

Mechanical features

Terminals screw				M5
Tightening torque for terminals max		Nm		2
Conductor size				
	AWG - Rigid cable			
		min	AWG	14
		Max	AWG	6
	AWG - Flexible cable			
		min	AWG	14
		Max	AWG	8
	Conductor size (IEC) - Flexible cable			
		min	mm ²	2.5
		Max	mm ²	10
	Conductor size (IEC) - Rigid cable			
		min	mm ²	2.5
		Max	mm ²	16
Mechanical life			cycles	5x10 ⁶

UL technical data

Motor power for direct-on-line control for three-phase motor				
	480V	HP		25

Ambient conditions

Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70

Resistance & Protection

Frontal IP degree				IP40
Terminals IP degree				IP00

ETIM classification

ETIM 8.0				EC001029 - Selector switch, complete
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