

Product designation				Rotary cam switches
Product type designation				GN63
General characteristics				
Switching diagram				59
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	
			V	480
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
	AC15			63
Rated operational power in AC	110V			A
	220/230V			A
	380/400V			A
	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	
Rated operational current in DC	Single-phase AC23A			
	110V		kW	3.7
	220/230V		kW	7.5
	380/440V		kW	12.5
	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