

Product designation				Rotary cam switches
Product type designation				GN63
General characteristics				
Switching diagram				14
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	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