

Product designation				Rotary cam switches
Product type designation				GN63
General characteristics				
Switching diagram				83
N° of elements				2
Contact characteristics				
Rated insulation voltage Ui	IEC/EN	V	690	
	UL/CSA	V	600	
Rated impulse withstand voltage Uimp			kV	6
Conventional free air thermal current Ith	UL/CSA	A	60	
			V	480
Rated operational voltage	10kA	A	63	
	25kA	A	63	
	50kA	A	63	
Rated short time current Icw	1s	A	1600	
	Operational current Ie 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
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Tightening torque for terminals max	Nm	2
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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
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UL technical data

Motor power for direct-on-line control

for three-phase motor

480V	HP	25
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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
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Terminals IP degree	IP00
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ETIM classification

ETIM 8.0

EC001029 -
Selector switch,
complete