

Product designation	Rotary cam switches		
Product type designation	7GN63		
General characteristics			
Switching diagram	07 - ON/OFF switch 3 poles		
N° of elements	2		
Mounting form	U - Front mounting with black handle		
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	IEC/EN	A	63
	UL/CSA	A	60
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)	10kA	A	63
	15kA	A	63
	25kA	A	63
	50kA	A	63
	63kA	A	63
Rated short time current Icw	1s	kA	1600
Conductivity	10/5 mA/V		
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

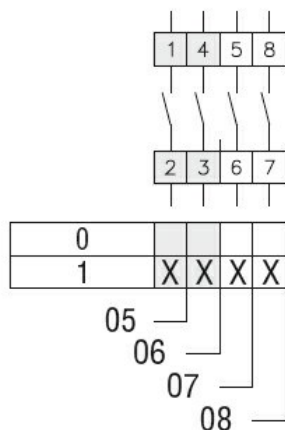
		380/440V	kW	12.5
Rated operational current in DC				
DC21A		48V	A	63
		60V	A	50
		110V	A	8
		220V	A	1
DC23A (poles in series)		24V	A	50 (1)
		48V	A	50 (2)
		60V	A	50 (3)
		110V	A	25 (3)
		220V	A	15 (4)
DC13		24V	A	63
		48V	A	40
		60V	A	28
		110V	A	3.3
Power dissipation			W	3.4
Mechanical features				
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		120V	HP	7.5
		240V	HP	15
		480V	HP	25
		600V	HP	25
for single-phase motor		120V	HP	3
		240V	HP	10
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

Dimensions

Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 14
IEC/EN/BS 60947-1
IEC/EN/BS 60947-3
IEC/EN/BS 60947-5-1
UL60947-4-1

Certificates

cCSAus
EAC
UL

ETIM classification

ETIM 8.0	EC001029 - Selector switch, complete
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