

Product designation			Rotary cam switches	
Product type designation			GX16	
General characteristics				
Switching diagram			86 - Multi-step 1-2-3 2 poles	
N° of elements			3	
Mounting form			O48 - Modular service cover for 35mm din rail 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	16
			UL/CSA A	12
Rated operational voltage			V	440
Rated operational impulse voltage			kV	4
Maximum fuse size for short-circuit protection In (gG)			10kA A	16
			15kA A	16
			25kA A	16
Rated short time current Icw			1s kA	250
Conductivity			10/5 mA/V	
Operational current Ie IEC/EN AC1/AC21A			A	16
AC15			110V A	10
			220/230V A	8
			380/400V A	4
			660/690V A	1.5
Rated operational power in AC Three-phase AC-3			220/230V kW	3.5
			380/440V kW	4.5
			500/690V kW	5.5
Single-phase AC-3			110V kW	0.55
			220/230V kW	1.5
			380/440V kW	2.2
Three-phase AC23A			220/230V kW	3.7
			380/440V kW	6.5
			500/690V kW	7.5
Single-phase AC23A			110V kW	0.75
			220/230V kW	1.8

		380/440V	kW	3
Rated operational current in DC				
DC21A				
		48V	A	16
		60V	A	16
		110V	A	4
		220V	A	0.6
		440V	A	0.25
DC23A (poles in series)				
		24V	A	16 (1)
		48V	A	16 (2)
		60V	A	16 (3)
		110V	A	10 (3)
		220V	A	7 (4)
DC13				
		24V	A	16
		48V	A	14
		60V	A	10
		110V	A	1
		220V	A	0.4
		440V	A	0.15
Power dissipation			W	0.6
Mechanical features				
Terminals screw				3M
Tightening torque for terminals max			Nm	0.5
Conductor size				
AWG - Rigid cable				
	min	AWG		20
	Max	AWG		12
AWG - Flexible cable				
	min	AWG		20
	Max	AWG		12
Conductor size (IEC) - Flexible cable				
	min	mm ²		0.5
	Max	mm ²		2.5
Conductor size (IEC) - Rigid cable				
	min	mm ²		0.5
	Max	mm ²		2.5
Mechanical life			cycles	1X10 ⁶
UL technical data				
Motor power for direct-on-line control				
for three-phase motor				
		120V	HP	1.5
		240V	HP	3
		480V	HP	5
		600V	HP	5
for single-phase motor				
		120V	HP	0.75
		240V	HP	1
Ambient conditions				
Temperature				
Operating temperature				
	min	°C		-25
	max	°C		+55

Storage temperature

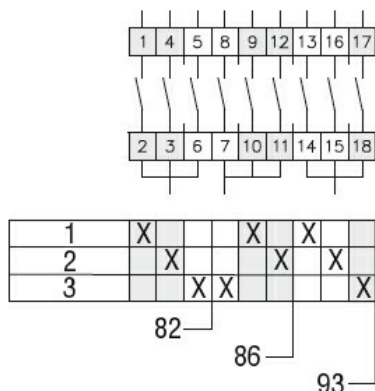
min	°C	-40
max	°C	+70

Resistance & Protection

Frontal IP degree	IP65
Terminals IP degree	IP20

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
IEC/EN/BS 61058-1
UL60947-4-1

Certificates

cULus
EAC

ETIM classification

ETIM 8.0

EC001029 -
Selector switch,
complete