

Product designation			Rotary cam switches		
Product type designation			GN315		
General characteristics					
Switching diagram			85 - Multi-step 1-2-3-4-6 1 pole		
N° of elements			3		
Mounting form			O - Rear mounting with black handle		
Contact characteristics					
Rated insulation voltage Ui			IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp				kV	8
Conventional free air thermal current Ith			IEC/EN UL/CSA	A A	315 255
Rated operational voltage				V	690
Rated operational impulse voltage				kV	6
Maximum fuse size for short-circuit protection In (gG)			10kA 15kA	A A	315 315
Rated short time current Icw			1s	kA	5200
Operational current Ie IEC/EN AC1/AC21A				A	315
Rated operational power in AC Three-phase AC-3			220/230V 380/440V 500/690V	kW kW kW	37 55 69
Single-phase AC-3			110V 220/230V 380/440V	kW kW kW	11 22 30
Rated operational current in DC DC21A			48V 60V 110V 220V 440V	A A A A A	200 200 35 2.5 0.9
Power dissipation				W	64.5
Mechanical features					
Terminals screw					M10
Tightening torque for terminals max				Nm	10
Conductor size			AWG - Rigid cable		
			Max	AWG	1XMCM350
AWG - Flexible cable					
			Max	AWG	1XMCM350

Conductor size (IEC) - Flexible cable

Max mm² 1X185

Conductor size (IEC) - Rigid cable

Max mm² 1X185

Mechanical life

cycles 2X10⁵

UL technical data

Motor power for direct-on-line control

for three-phase motor

120V	HP	30
240V	HP	50
480V	HP	100
600V	HP	75

for single-phase motor

120V	HP	15
240V	HP	30

Ambient conditions

Temperature

Operating temperature

min	°C	-25
max	°C	+55

Storage temperature

min	°C	-40
max	°C	+70

Resistance & Protection

Frontal IP degree

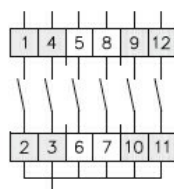
IP40

Terminals IP degree

IP00

Dimensions

Wiring diagrams



1	X				
2			X		
3				X	
4		X			
5				X	
6					X

85

Certifications and compliance

Compliance

IEC/EN/BS 60947-1

IEC/EN/BS 60947-3

IEC/EN/BS 60947-5-1

UL60947-4-1

Certificates

UR

ETIM classification

ETIM 8.0

EC001029 -
Selector switch,
complete