

Product designation			Rotary cam switches		
Product type designation			GN315		
General characteristics					
Switching diagram			84 - Multi-step 1-2-3-4-5 1 pole		
N° of elements			3		
Mounting form			O - Rear mounting with black handle		
Contact characteristics					
Rated insulation voltage Ui			IEC/EN	V	690
			UL/CSA	V	600
Rated impulse withstand voltage Uimp				kV	8
Conventional free air thermal current Ith			IEC/EN	A	315
			UL/CSA	A	255
Rated operational voltage				V	690
Rated operational impulse voltage				kV	6
Maximum fuse size for short-circuit protection In (gG)			10kA	A	315
			15kA	A	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	kW	37
			380/440V	kW	55
			500/690V	kW	69
Single-phase AC-3			110V	kW	11
			220/230V	kW	22
			380/440V	kW	30
Rated operational current in DC					
DC21A			48V	A	200
			60V	A	200
			110V	A	35
			220V	A	2.5
			440V	A	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	mm ²	1X185
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Conductor size (IEC) - Rigid cable	Max	mm ²	1X185
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Mechanical life		cycles	2X10 ⁵
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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

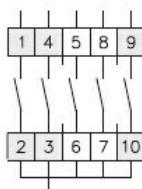
Resistance & Protection

Frontal IP degree IP40

Terminals IP degree IP00

Dimensions

Wiring diagrams



1	X			
2			X	
3				X
4		X		
5			X	

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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