

Product designation			Rotary cam switches		
Product type designation			GN315		
General characteristics					
Switching diagram			109 - Multi-step 0-1-2-3-4 1 pole		
N° of elements			2		
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	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			
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120V	HP	30
240V	HP	50
480V	HP	100
600V	HP	75

for single-phase motor			
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120V	HP	15
240V	HP	30

Ambient conditions

Temperature			
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Operating temperature			
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min	°C	-25
max	°C	+55

Storage temperature			
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min	°C	-40
max	°C	+70

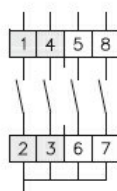
Resistance & Protection

Frontal IP degree		IP40
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Terminals IP degree		IP00
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Dimensions

Wiring diagrams



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1	X			
2			X	
3		X		
4				X

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Certifications and compliance

Compliance	
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IEC/EN/BS 60947-1
IEC/EN/BS 60947-3
IEC/EN/BS 60947-5-1
UL60947-4-1

Certificates	
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ETIM classification

ETIM 8.0	EC001029 - Selector switch, complete
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