

Product designation				Rotary cam switches
Product type designation				GN315
<b>General characteristics</b>				
Switching diagram				85 - Multi-step 1-2-3-4-6 1 pole
N° of elements				3
Mounting form				O - Rear mounting with black handle
<b>Contact characteristics</b>				
Rated insulation voltage $U_i$	IEC/EN	V	690	
	UL/CSA	V	600	
Rated impulse withstand voltage $U_{imp}$		kV	8	
Conventional free air thermal current $I_{th}$	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 $I_n$ (gG)	10kA	A	315	
	15kA	A	315	
Rated short time current $I_{cw}$	1s	A	5200	
Operational current $I_e$ 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	
<b>Mechanical features</b>				
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 <sup>2</sup>	1X185
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Conductor size (IEC) - Rigid cable	Max	mm <sup>2</sup>	1X185
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Mechanical life		cycles	2X10 <sup>5</sup>
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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

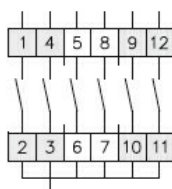
**Resistance & Protection**

Frontal IP degree	IP40
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Terminals IP degree	IP00
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**Dimensions**

**Wiring diagrams**



1	X				
2			X		
3					X
4		X			
5				X	
6					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
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**ETIM classification**

ETIM 8.0	EC001029 - Selector switch, complete
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