

Product designation				Rotary cam switches
Product type designation				GN315
General characteristics				
Switching diagram				83 - Multi-step 1-2-3-4 1 pole
N° of elements				2
Mounting form				O - Rear mounting with black handle
Contact characteristics				
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	
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

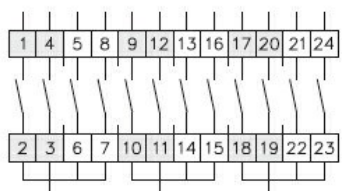
Resistance & Protection

Frontal IP degree IP40

Terminals IP degree IP00

Dimensions

Wiring diagrams



1	X			X			X		
2		X			X			X	
3			X			X			X
4		X			X			X	

83 —
87 —
94 —

Certifications and compliance

Compliance

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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