

Product designation			Rotary cam switches	
Product type designation			GN315	
General characteristics				
Switching diagram			135 - Multi-step 0-1-2 3 poles	
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

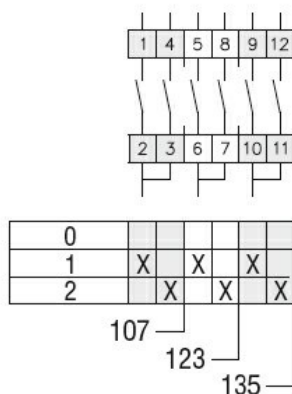
Temperature	Operating temperature	min	°C	-25
		max	°C	+55
	Storage temperature	min	°C	-40
		max	°C	+70

Resistance & Protection

Frontal IP degree	IP40
Terminals IP degree	IP00

Dimensions

Wiring diagrams



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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