

Product designation			Rotary cam switches			
Product type designation			GN315			
General characteristics						
Switching diagram			124 - Multi-step 0-1-2-3 2 poles			
N° of elements			3			
Mounting form			U - Front 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

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

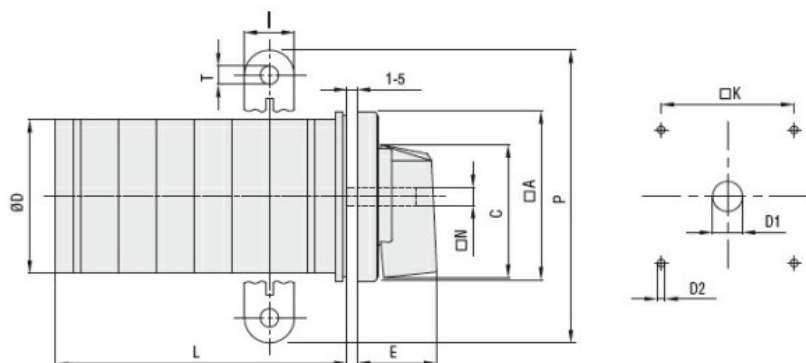
min	°C	-40
max	°C	+70

Resistance & Protection

Frontal IP degree IP40

Terminals IP degree IP00

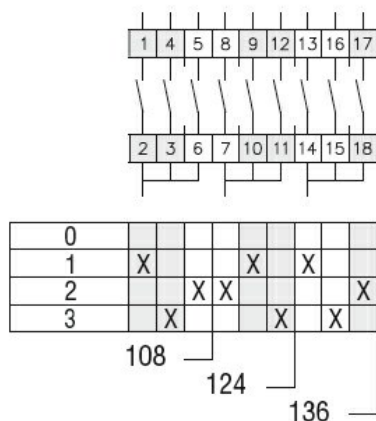
Dimensions



Series	Dimensions											L Number of elements ①											
	ØA	C	ØD	ØD1	ØD2	E	I	ØK	ØN	P	ØT	1	2	3	4	5	6	7	8	9	10	11	12
GN200	132	104	120	16	5.3	56	20	104	10	140	10.5	77	107	136	166	196	226	284	314	343	373	402	432
GN315	132	104	120	16	5.3	56	20	104	10	145	10.5	77	107	136	166	196	226	284	314	343	373	402	432

① For devices with 6 or more elements please consult Technical support, see contact details on inside front cover.

Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 14

IEC/EN/BS 60947-1

IEC/EN/BS 60947-3

IEC/EN/BS 60947-5-1

IEC/EN/BS 61058-1

UL60947-4-1

Certificates

cULus

EAC

ETIM classification

ETIM 8.0

EC001029 -
Selector switch,
complete