

Product designation			Rotary cam switches	
Product type designation			GN315	
General characteristics				
Switching diagram			107 - Multi-step 0-1-2 1 pole	
N° of elements			1	
Mounting form			U - Front 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

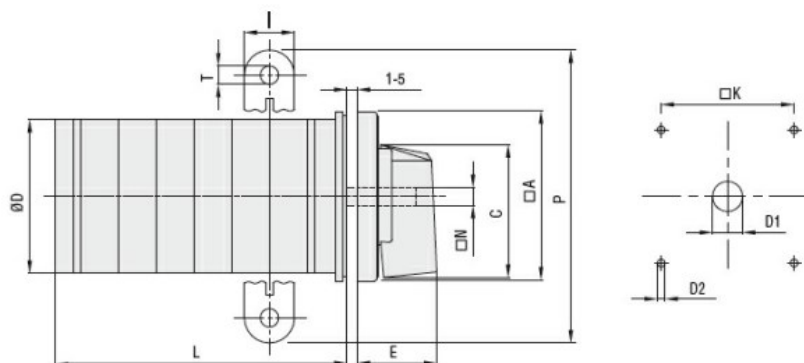
min	°C	-40
max	°C	+70

Resistance & Protection

Frontal IP degree IP40

Terminals IP degree IP00

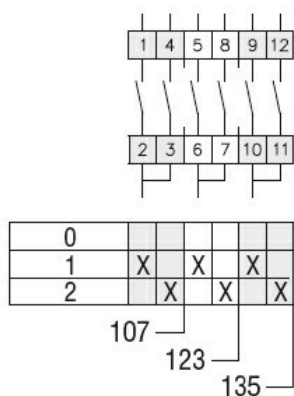
Dimensions



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

IEC/EN/BS 60947-1

IEC/EN/BS 60947-3

IEC/EN/BS 60947-5-1

UL60947-4-1

Certificates

UR

ETIM classification

ETIM 8.0

EC001029 -
Selector switch,
complete