



Product designation	Rotary cam switches		
Product type designation	GN315		
General characteristics			
Switching diagram	03 - ON/OFF spring return switch 3 poles		
N° of elements	2		
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 le IEC/EN		A	315
AC1/AC21A			
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
Conductor size (IEC) - Rigid cable	Max	mm ²	1X185

Mechanical life cycles 2X10⁵**UL technical data**

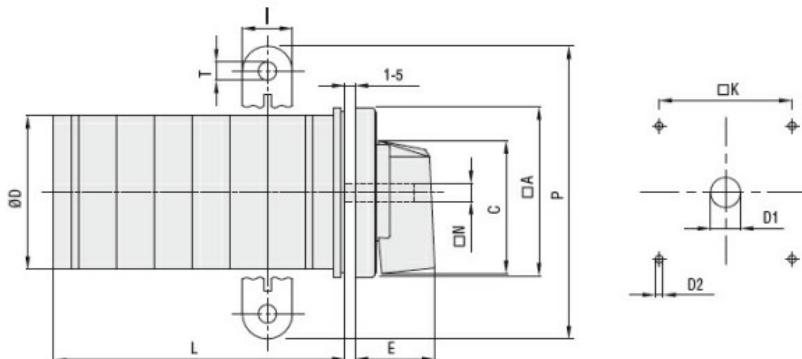
Motor power for direct-on-line control for three-phase motor	120V	HP	30
	240V	HP	50
	480V	HP	100
	600V	HP	75
for single-phase motor	120V	HP	15
	240V	HP	30

Ambient conditions

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

Resistance & Protection

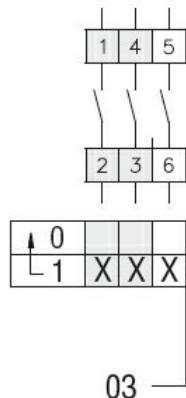
Frontal IP degree	IP40
Terminals IP degree	IP00

Dimensions

Series	Dimensions												L Number of elements ①											
	□A	C	ØD	ØD1	ØD2	E	I	□K	□N	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