

GN315030 ROTARY CAM SWITCH GN SERIES, ON-OFF SPRING RETURN SWITCH 3 POLES 315A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 132X132MM



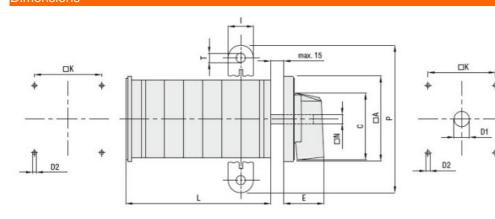
Product designation			Rotary cam
-			switches
Product type designation			GN315
General characteristics			
Switching diagram			03 - ON/OFF spring return
Switching diagram			switch 3 poles
N° of elements			2
			O - Rear
Mounting form			mounting with
			black handle
Contact characteristics			
Rated insulation 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	<u>A</u>	255
Rated operational voltage		V	690
Rated operational impulse voltage		kV	6
Maximum fuse size for short-circuit protection In (gG)			0.4 5
	10kA	A	315
Detect of each time, assument law	15kA	A	315
Rated short time current Icw	1.0	1. 4	5000
Operational surrent la IEC/EN	1s	kA	5200
Operational current le IEC/EN AC1/AC21A			
ACT/ACZTA		А	315
Rated operational power in AC		~	515
Three-phase AC-3			
	220/230V	kW	37
	380/440V	kW	55
	500/690V	kW	69
Single-phase AC-3			
5 1	110V	kW	11
	220/230V	kW	22
	380/440V	kW	30
Rated operational current in DC			
DC21A			
	48V	А	200
	60V	А	200
	110V	А	35
	220V	A	2.5
	440V	<u>A</u>	0.9
Power dissipation		W	64.5

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



ENERGY AND AUTOMATION

Mechanical features				M10
Tightening torque for t	orminals may		10	
Conductor size			Nm	10
	AWG - Rigid cable			
	AWG - Rigid Cable	Max	AWG	1XMCM350
	AWG - Flexible cable	Max	700	17/10/1000
		Max	AWG	1XMCM350
	Conductor size (IEC) - Flexible cable	Max	/	1741101110000
		Max	mm²	1X185
	Conductor size (IEC) - Rigid cable	max		17(100
		Max	mm²	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 & Protecti	on			
Frontal IP degree				IP40
Terminals IP degree				IP00
Dimensions				



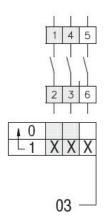
Carios	Dimensions							L Number of elements O													
Series	□A	С	ØD2	Ε	1	□K	□N	Р	ØT	1	2	3	4	5	6	7	8	9	10	11	12
GN200	132	104	5.3	56	20	104	10	140	10.5	77	107	136	166	196	226	284	314	343	373	402	432
GN315	132	104	5.3	56	20	104	10	145	10.5	77	107	136	166	196	226	284	314	343	373	402	432

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

Wiring diagrams



GN31503O ROTARY CAM SWITCH GN SERIES, ON-OFF SPRING RETURN SWITCH 3 POLES 315A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 132X132MM



Certifications and cor	npliance	
Compliance		
	IEC/EN/BS 60947-1	
	IEC/EN/BS 60947-3	
	IEC/EN/BS 60947-5-1	
	UL60947-4-1	
Certificates		
	UR	
ETIM classification		
		EC001020

ETIM 8.0

EC001029 -Selector switch, complete