

Product designation				Enclosed rotary cam switch	
Product type designation				GN315	
<b>General characteristics</b>					
Switching diagram				25 - 1-phase motor reversing switch with spring return	
N° of elements				2	
Mounting form				L - Metal enclosure with black handle	
<b>Contact characteristics</b>					
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		
<b>Mechanical features</b>					
Terminals screw				M10	
Tightening torque for terminals max				Nm 10	
Conductor size AWG - Rigid cable					
	Max	AWG	1XMCM350		

ENCLOSED ROTARY CAM SWITCH GN SERIES, 1-PHASE MOTOR REVERSING SWITCH WITH SPRING RETURN 315A IN METAL ENCLOSURE 250X316MM WITH BLACK HANDLE

AWG - Flexible cable	Max	AWG	1XMCM350
Conductor size (IEC) - Flexible cable	Max	mm <sup>2</sup>	1X185
Conductor size (IEC) - Rigid cable	Max	mm <sup>2</sup>	1X185
Mechanical life		cycles	2X10 <sup>5</sup>

**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**

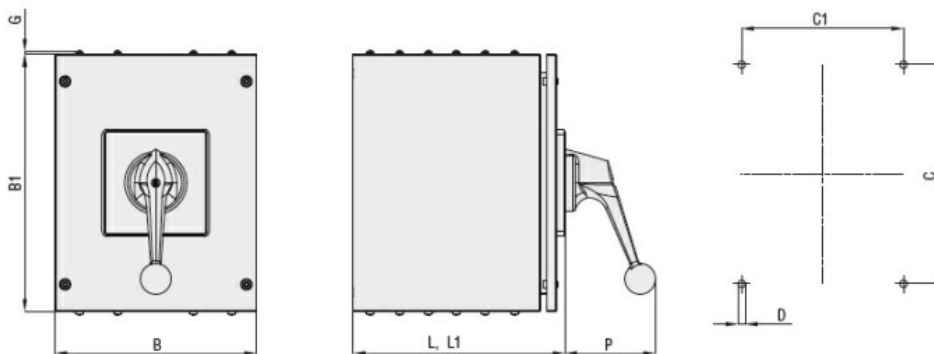
Frontal IP degree

IP54

Terminals IP degree

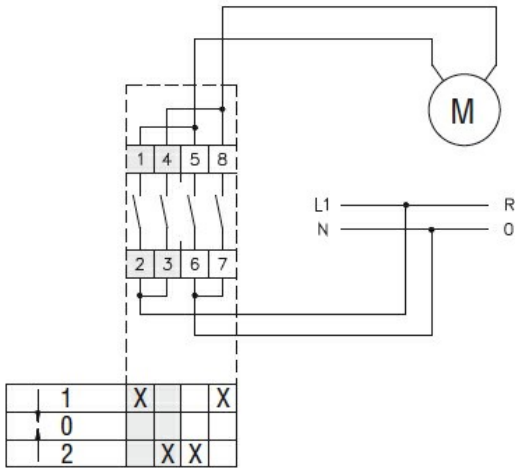
IP00

**Dimensions**



Series	Enclosure size	Number of elements		Dimensions									Protection degree
		L	L1	L	L1	B	B1	C	C1	D	G	P	
GN200	250x316	1 - 3	4 - 6	162	252	250	316	270	200	9	4.5	98	IP54
GN315		1 - 3	4 - 6	162	252	250	316	270	200	9	4.5	98	IP54

**Wiring diagrams**



**Certifications and compliance**

Compliance

- IEC/EN/BS 60947-1

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- IEC/EN/BS 60947-3

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- IEC/EN/BS 60947-5-1

**ETIM classification**

ETIM 8.0

EC001029 -  
 Selector switch,  
 complete