

Product designation	Enclosed rotary cam switch		
Product type designation	GN315		
General characteristics			
Switching diagram	110 - Multi-step 0-1-2-3-4-5 1 pole		
N° of elements	3		
Mounting form	L - Metal enclosure 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
Conductor size (IEC) - Rigid cable			
	Max	mm ²	1X185
Mechanical life		cycles	2X10 ⁵

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

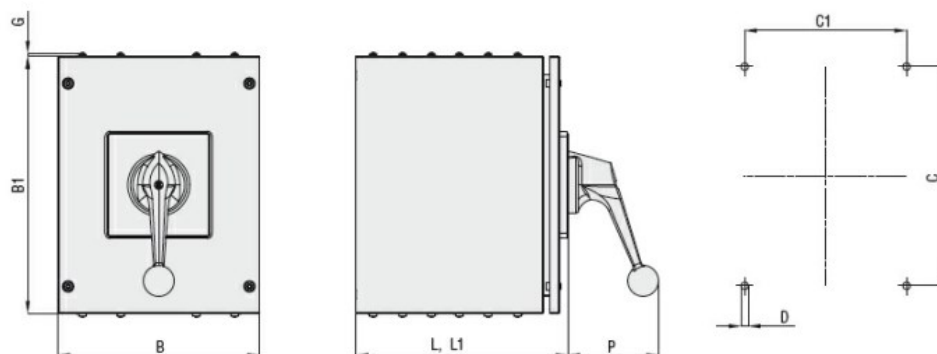
Frontal IP degree

IP54

Terminals IP degree

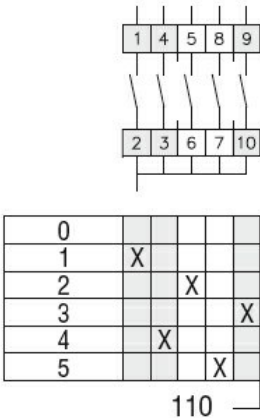
IP00

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
IEC/EN/BS 60947-3
IEC/EN/BS 60947-5-1

ETIM classification

ETIM 8.0

EC001029 - Selector switch, complete