

Product designation				Rotary cam switches
Product type designation				GN315
<b>General characteristics</b>				
Switching diagram				11 - 3-phase motor reversing switch
N° of elements				3
Mounting form				O - Rear mounting with black handle
<b>Contact characteristics</b>				
Rated insulation voltage $U_i$	IEC/EN	V	690	
	UL/CSA	V	600	
Rated impulse withstand voltage $U_{imp}$			kV	8
Conventional free air thermal current $I_{th}$	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 $I_n$ (gG)	10kA	A	315	
	15kA	A	315	
Rated short time current $I_{cw}$			1s	kA
				5200
Operational current $I_e$ 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
	AWG - Flexible cable			

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

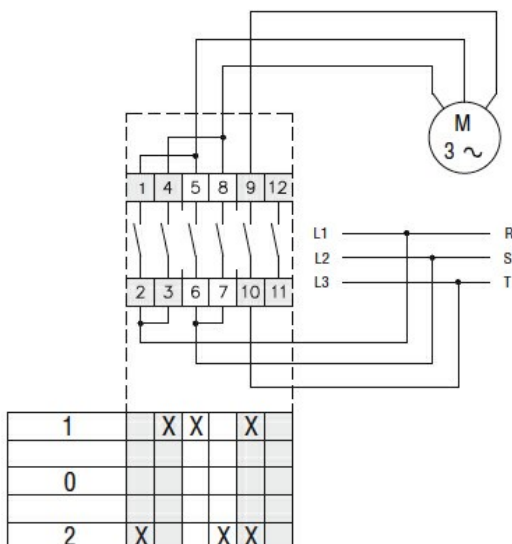
IP40

Terminals IP degree

IP00

**Dimensions**

**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