

Product designation			Enclosed rotary cam switch		
Product type designation			GN315		
General characteristics					
Switching diagram			108 - Multi-step 0-1-2-3 1 pole		
N° of elements			2		
Mounting form			L - Metal enclosure 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 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	
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
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