

Product designation				Enclosed rotary cam switch	
Product type designation				GN315	
General characteristics					
Switching diagram				83 - Multi-step 1-2-3-4 1 pole	
N° of elements				2	
Mounting form				L - Metal enclosure with black handle	
Contact characteristics					
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	A	
				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	
Mechanical features					
Terminals screw				M10	
Tightening torque for terminals max				Nm	
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	