

Product designation				Enclosed rotary cam switch
Product type designation				GN315
<b>General characteristics</b>				
Switching diagram				83 - Multi-step 1-2-3-4 1 pole
N° of elements				2
Mounting form				L - Metal enclosure 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	
Conductor size	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>
<b>UL technical data</b>			
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	
<b>Ambient conditions</b>			
Temperature			
Operating temperature			
min	°C	-25	
max	°C	+55	
Storage temperature			
min	°C	-40	
max	°C	+70	
<b>Resistance &amp; Protection</b>			
Frontal IP degree		IP54	
Terminals IP degree		IP00	
<b>Certifications and compliance</b>			
Compliance			
IEC/EN/BS 60947-1			
IEC/EN/BS 60947-3			
IEC/EN/BS 60947-5-1			
<b>ETIM classification</b>			
ETIM 8.0		EC001029 - Selector switch, complete	