

Product designation				Rotary cam switches	
Product type designation				GN315	
<b>General characteristics</b>					
Switching diagram				69 - Changeover switch without 0 4 poles	
N° of elements				4	
Mounting form				U - Front 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	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	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				

	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			IP40
Terminals IP degree			IP00
<b>Dimensions</b>			
<b>Wiring diagrams</b>			
<b>Certifications and compliance</b>			
Compliance			
	IEC/EN/BS 60947-1		
	IEC/EN/BS 60947-3		
	IEC/EN/BS 60947-5-1		
	UL60947-4-1		
Certificates			
	UR		
<b>ETIM classification</b>			
ETIM 8.0	EC001029 - Selector switch, complete		