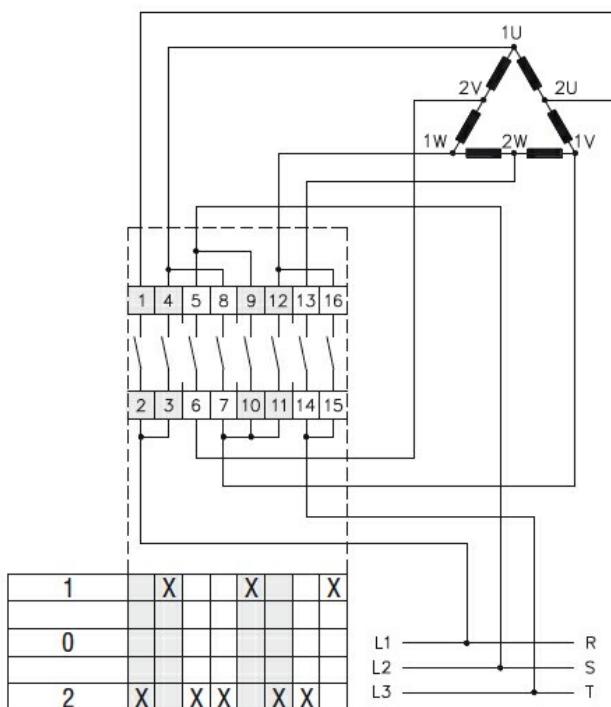


Product designation	Rotary cam switches	
Product type designation	GN315	
<b>General characteristics</b>		
Switching diagram	13 - Dahlander motor control switch 1-0-2	
N° of elements	4	
Mounting form	O - Rear mounting with black handle	
<b>Contact characteristics</b>		
Rated insulation voltage Ui	IEC/EN 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	A 315	
AC1/AC21A		
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 1X MCM350	
AWG - Flexible cable		

	Max	AWG	1X <sup>1</sup> MCM350
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 240V 480V 600V	HP	30 50 100 75
for single-phase motor	120V 240V	HP	15 30
<b>Ambient conditions</b>			
Temperature			
Operating temperature	min max	°C	-25 +55
Storage temperature	min max	°C	-40 +70
<b>Resistance &amp; Protection</b>			
Frontal IP degree	IP40		
Terminals IP degree	IP00		
<b>Dimensions</b>			
<b>Wiring diagrams</b>			



**Certifications and compliance**

**Compliance**

IEC/EN/BS 60947-1

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IEC/EN/BS 60947-3

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IEC/EN/BS 60947-5-1

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UL60947-4-1

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Certificates

UR

ETIM classification

ETIM 8.0

EC001029 -  
Selector switch,  
complete