

GN31519U ROTARY CAM SWITCH GN SERIES, DAHLANDER MOTOR CONTROL SWITCH 0-1-2, 315A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 132X132MM

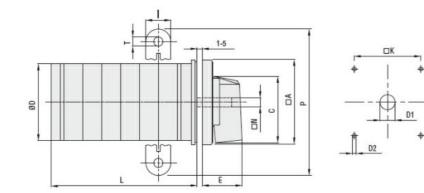
			Rotary cam
Product designation			switches
Product type designation			GN315
General characteristics			10 Deklender
Switching diagram			19 - Dahlander motor control switch 0-1-2
N° of elements			4
Mounting form			U - Front mounting with black handle
Contact characteristics			
Rated insulation voltage Ui			
	C/EN	V	690
	CSA	V	600
Rated impulse withstand voltage Uimp Conventional free air thermal current Ith		kV	8
	C/EN	А	315
	CSA	A	255
Rated operational voltage	00/1	V	690
Rated operational impulse voltage		kV	6
Maximum fuse size for short-circuit protection In (gG)			
	10kA	А	315
	15kA	А	315
Rated short time current Icw	1s	kA	5200
Operational current le IEC/EN		10 1	0200
AC1/AC21A		A	315
Rated operational power in AC			010
Three-phase AC-3			
220/2	230V	kW	37
380/4		kW	55
500/6	690V	kW	69
Single-phase AC-3			
	110V	kW	11
220/2 380/4		kW kW	22 30
Rated operational current in DC	+40 v	K V V	50
DC21A			
	48V	А	200
	60V	A	200
	110V	А	35
	220V	А	2.5
	140V	Α	0.9
Power dissipation		W	64.5
Mechanical features			MAG
Terminals screw		Nim	M10
Tightening torque for terminals max Conductor size		Nm	10
AWG - Rigid cable			
	Max	AWG	1XMCM350
AWG - Flexible cable		,,,,,,	

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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 120V HP 15 Z40V HP 30 Ambient conditions 120V HP 15 Z40V HP 30 Ambient conditions min °C -25 Temperature 0perating temperature min °C -25 Storage temperature min °C -40 max °C +70 Resistance & Protection Frontal IP degree IP40 IP40			Max	AWG	1XMCM350
Max mm² 1X185 Mechanical life cycles 2X10 ⁵ UL technical data		Conductor size (IEC) - Flexible cable			
Max mm² 1X185 Mechanical life cycles 2X10° UL technical data			Max	mm²	1X185
Mechanical life cycles 2X10 ⁵ UL technical data Motor power for direct-on-line control for three-phase motor $ \begin{array}{ccccccccccccccccccccccccccccccccccc$		Conductor size (IEC) - Rigid cable			
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 120V HP 15 Z40V HP 30 Ambient conditions 120V HP 15 Z40V HP 30 Ambient conditions min °C -25 Temperature 0perating temperature min °C -25 Storage temperature min °C -40 max °C +70 Resistance & Protection Frontal IP degree IP40 IP40			Max	mm²	1X185
Motor power for direct-on-line control for three-phase motor $ \begin{array}{ccccccccccccccccccccccccccccccccccc$	Mechanical life			cycles	2X10⁵
for three-phase motor 120V HP 30 240V HP 50 480V HP 100 600V HP 75 7 7 for single-phase motor 120V HP 15 240V HP 30 30 Ambient conditions 120V HP 15 Temperature 0 9 30 Ambient conditions	UL technical data				
120V HP 30 240V HP 50 480V HP 100 600V HP 75 for single-phase motor 120V HP 15 240V HP 30 30 Ambient conditions 120V HP 30 Temperature 0 -25 -25 Max °C -25 -25 Storage temperature min °C -25 Resistance & Protection	Motor power for direct	-on-line control			
240V HP 50 480V HP 100 600V HP 75 for single-phase motor 120V HP 15 240V HP 30 400 Ambient conditions Temperature Operating temperature min °C -25 max °C +55 Storage temperature min °C -40 max °C +70 Resistance & Protection Frontal IP degree IP40		for three-phase motor			
480V 600VHP HP100 100 			120V	HP	30
600V HP 75 for single-phase motor 120V HP 15 240V HP 30 Ambient conditions Temperature 0 Operating temperature min °C -25 max °C +55 Storage temperature min °C -40 max °C +70 Resistance & Protection Frontal IP degree IP40			240V	HP	50
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 IP40			480V	HP	100
120V HP 15 240V HP 30 Ambient conditions Temperature min °C -25 max °C +55 Storage temperature min °C -40 max °C +70 Resistance & Protection IP40			600V	HP	75
240V HP 30 Ambient conditions Temperature Image: Second sec		for single-phase motor			
Ambient conditions Temperature Operating temperature min °C max °C Storage temperature min °C Storage temperature min °C resistance & Protection Frontal IP degree IP40			120V	HP	15
Temperature Operating temperature min °C -25 max °C +55 Storage temperature min °C -40 max °C +70 Resistance & Protection IP40			240V	HP	30
Operating temperature min °C -25 max °C +55 Storage temperature min °C -40 max °C +70 Resistance & Protection IP40	Ambient conditions				
min °C -25 max °C +55 Storage temperature min °C -40 max °C +70 Resistance & Protection Frontal IP degree IP40	Temperature				
max °C +55 Storage temperature min °C -40 max °C +70 Resistance & Protection IP40		Operating temperature			
Storage temperature min °C -40 max °C +70 Resistance & Protection IP40			min	°C	-25
min °C -40 max °C +70 Resistance & Protection Frontal IP degree IP40			max	°C	+55
max °C +70 Resistance & Protection Frontal IP degree IP40		Storage temperature			
Resistance & Protection Frontal IP degree IP40			min	°C	-40
Frontal IP degree IP40			max	°C	+70
5	Resistance & Protecti	on			
-	Frontal IP degree				IP40
	Terminals IP degree				IP00



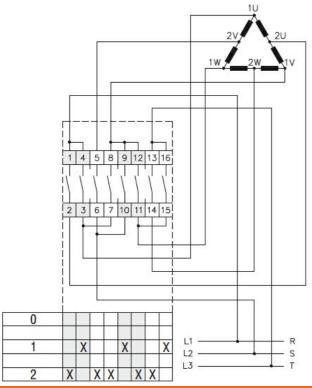
Series	Dimensions										L Number of elements O												
	□A	С	ØD	ØD1	ØD2	Ε	Ι	□K	$\square N$	Ρ	ØT	1	2	3	4	5	6	7	8	9	10	11	12
GN200	132	104	120	16	5.3	56	20	104	10	140	10.5	77	107	136	166	196	226	284	314	343	373	402	432
GN315	132	104	120	16	5.3	56	20	104	10	145	10.5	77	107	136	166	196	226	284	314	343	373	402	432

• For devices with 6 or more elements plese consult Technical support, see contact details on inside front cover.

Wiring diagrams

Dimensions





Certifications and compliance

Compliance

IEC/EN/BS 60947-1
IEC/EN/BS 60947-3
IEC/EN/BS 60947-5-1
UL60947-4-1

Certificates

UR

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete