

Product designation			Rotary cam switches	
Product type designation			GN200	
General characteristics				
Switching diagram			20 - Dahlander motor 2-speed reversing switch	
N° of elements			6	
Mounting form			U - Front mounting with black handle	
Contact characteristics				
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	200
			UL/CSA A	200
Rated operational voltage			V	690
Rated operational impulse voltage			kV	6
Maximum fuse size for short-circuit protection In (gG)			10kA A	200
			15kA A	200
Rated short time current Icw			1s kA	3300
Operational current Ie IEC/EN AC1/AC21A			A	200
Rated operational power in AC Three-phase AC-3			220/230V kW	27.5
			380/440V kW	47
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	26
Mechanical features				
Terminals screw			M10	
Tightening torque for terminals max			Nm	10
Conductor size				
AWG - Rigid cable			Max	AWG 1X3
AWG - Flexible cable			Max	AWG 0
Conductor size (IEC) - Flexible cable			Max	mm² 1X95
Conductor size (IEC) - Rigid cable			Max	mm² 1X95

Mechanical life cycles 2X10⁵

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

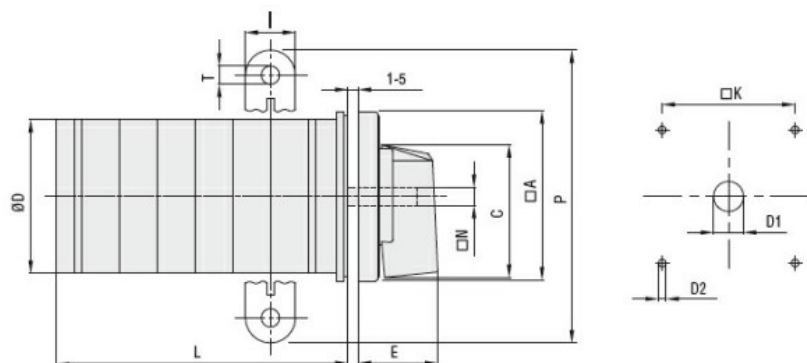
min	°C	-40
max	°C	+70

Resistance & Protection

Frontal IP degree IP40

Terminals IP degree IP00

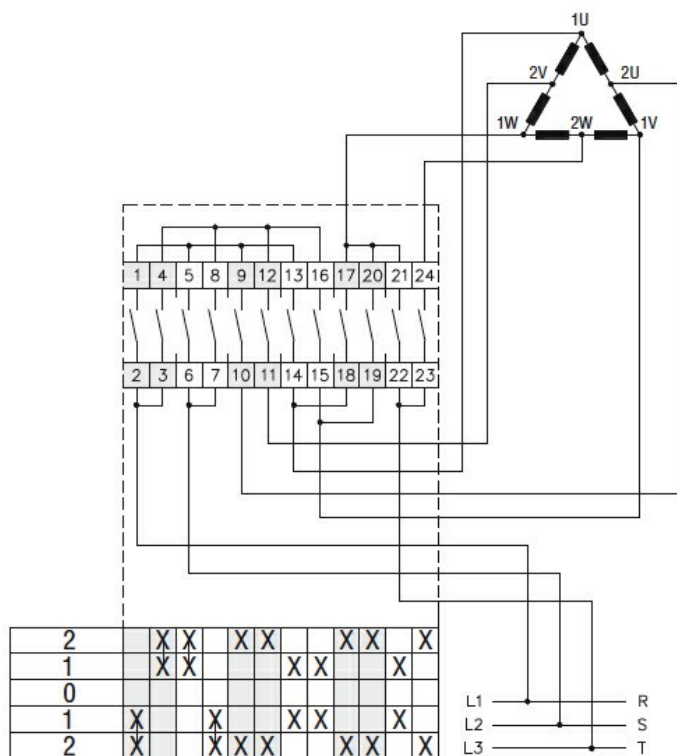
Dimensions



Series	Dimensions											L Number of elements ①											
	ØA	C	ØD	ØD1	ØD2	E	I	ØK	ØN	P	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

① For devices with 6 or more elements please consult Technical support, see contact details on inside front cover.

Wiring diagrams



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