

Product designation				Rotary cam switches
Product type designation				GN200
General characteristics				
Switching diagram				13 - Dahlander motor control switch 1-0-2
N° of elements				4
Mounting form				O - Rear mounting with black handle
Contact characteristics				
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	200	
	UL/CSA	A	200	
Rated operational voltage		V	690	
Rated operational impulse voltage		kV	6	
Maximum fuse size for short-circuit protection I_n (gG)	10kA	A	200	
	15kA	A	200	
Rated short time current I_{cw}		1s	A	3300
	Operational current I_e 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	mm ² 1X95
	Conductor size (IEC) - Rigid cable		Max	mm ² 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

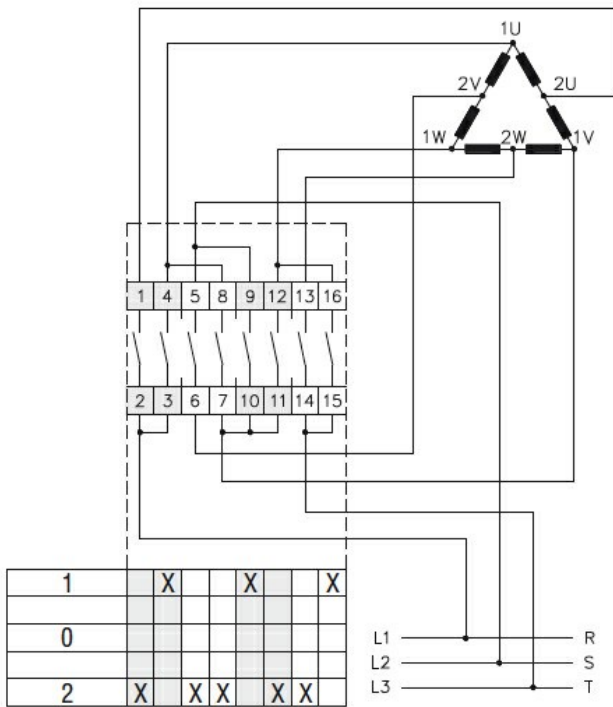
Temperature			
Operating temperature	min	°C	-25
	max	°C	+55
Storage temperature	min	°C	-40
	max	°C	+70

Resistance & Protection

Frontal IP degree	IP40
Terminals IP degree	IP00

Dimensions

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
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ETIM classification

ETIM 8.0

EC001029 -
Selector switch,
complete