GN20053U

ROTARY CAM SWITCH GN SERIES, CHANGEOVER SWITCH 3 POLES 200A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 132X132MM

General characteristics

Switching diagram			53 - Changeover switch 3 poles - 2 speed motor starting with separate windings
N° of elements			3
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

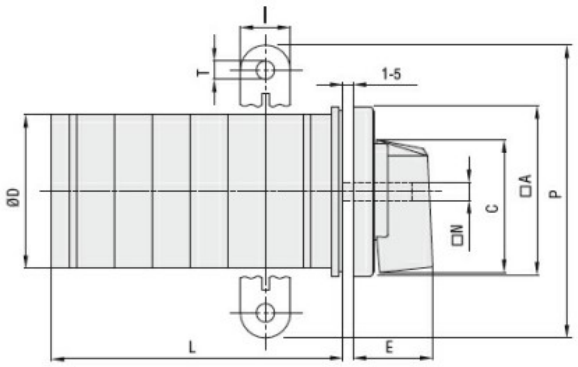
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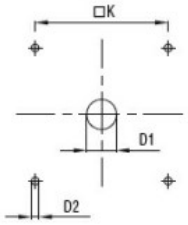
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Mechanical life		cycles	2X10⁵
UL technical data			
Motor power for direct-on-line control			
for three-phase motor			
	120V	HP	30
	240V	HP	50
	480V	HP	100
	600V	HP	75
for single-phase motor			
	120V	HP	15
	240V	HP	30
Ambient conditions			
Temperature			
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



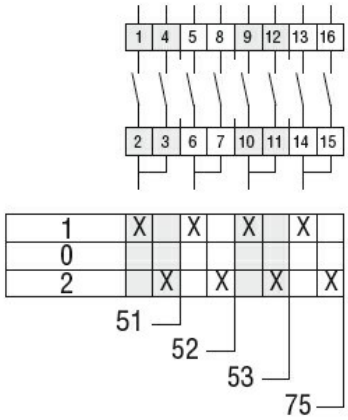


Series	Dimensions											L Number of elements ❶											
	□A	C	ØD	ØD1	ØD2	E	I	□K	□N	P	ØT	1	2	3	4	5	6	7	8	9	10	11	12
GN200	132	104	120	16	5.3	56	20	104	10	140	10.5	77	107	136	166	196	226	284	314	343	373	402	432
GN315	132	104	120	16	5.3	56	20	104	10	145	10.5	77	107	136	166	196	226	284	314	343	373	402	432

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

Wiring diagrams

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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

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