GN20011L

ENCLOSED ROTARY CAM SWITCH GN SERIES, 3-PHASE MOTOR REVERSING SWITCH 200A IN METAL ENCLOSURE 250X316MM WITH BLACK HANDLE

General characteristics			
Switching diagram			11 - 3-phase motor reversing switch
N° of elements			3
Mounting form			L - Metal enclosure 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	$2X10^5$
UL technical data			
Motor power for direct-on-line control			

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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

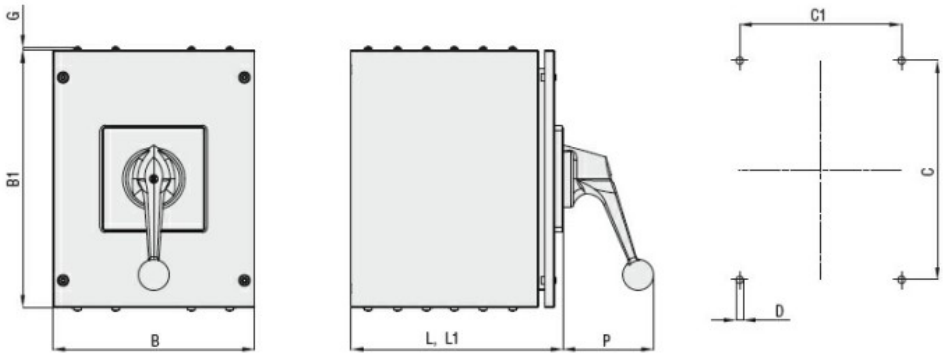
Ambient conditions

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

Resistance & Protection

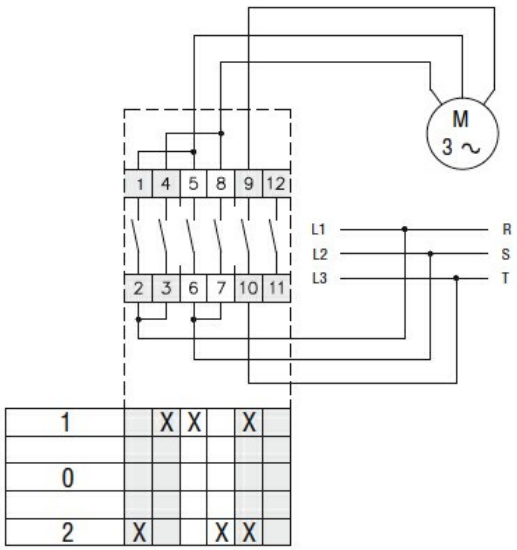
Frontal IP degree	IP54
Terminals IP degree	IP00

Dimensions



Series	Enclosure size	Number of elements		Dimensions									Protection degree
		L	L1	L	L1	B	B1	C	C1	D	G	P	
GN200	250x316	1 - 3	4 - 6	162	252	250	316	270	200	9	4.5	98	IP54
GN315		1 - 3	4 - 6	162	252	250	316	270	200	9	4.5	98	IP54

Wiring diagrams



Certifications and compliance

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Compliance

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

ETIM classification

ETIM 8.0	EC001029 - Selector switch, complete

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