

GN31507L ENCLOSED ROTARY CAM SWITCH GN SERIES, ON-OFF SWITCH 3 POLES 315A IN METAL ENCLOSURE 250X316MM WITH BLACK HANDLE

Draduat designation			Enclosed rotary
Product designation			cam switch
Product type designation General characteristics			GN315
			07 - ON/OFF
Switching diagram			switch 3 poles
N° of elements			2
Mounting form			L - Metal enclosure with
Mounting form			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	Α	315
	UL/CSA	Α	255
Rated operational voltage		V	690
Rated operational impulse voltage		kV	6
Maximum fuse size for short-circuit protection In (gG)			
	10kA	А	315
	15kA	A	315
Rated short time current Icw			
	1s	kA	5200
Operational current le IEC/EN			
AC1/AC21A		^	245
Dated anarational neuror in AC		A	315
Rated operational power in AC			
Three-phase AC-3	220/230V	kW	37
	220/230V 380/440V	kW	55
	500/690V	kW	69
Single-phase AC-3	000/0001		00
	110V	kW	11
	220/230V	kW	22
	380/440V	kW	30
Rated operational current in DC			
DC21A			
	48V	А	200
	60V	А	200
	110V	А	35
	220V	А	2.5
	440V	А	0.9
Power dissipation		W	64.5
Mechanical features			
Terminals screw			M10
Tightening torque for terminals max		Nm	10
Conductor size			
AWG - Rigid cable			
	Max	AWG	1XMCM350
AWG - Flexible cable	N # -	A14/0	
	Max	AWG	1XMCM350

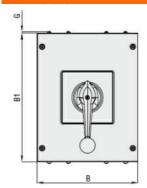
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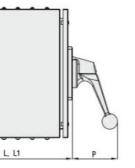


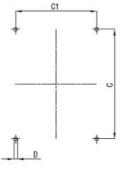
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UL technical data Motor power for direct-on-line control for three-phase motor 120V HP 30 240V HP 50 480V HP 100 600V HP 75 for single-phase motor 120V HP 15 240V HP 30 Ambient conditions 120V HP 15 Z40V HP 30 Ambient conditions 120V HP 30 Temperature Operating temperature min °C -25 Storage temperature min °C -25 Resistance & Protection min °C -40 Frontal IP degree IP54 IP54					
Max mm² 1X185 Mechanical life cycles 2X10° UL technical data		Conductor size (IEC) - Flexible cable			
Max mm² 1X185 Mechanical life cycles 2X10 ^s 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 60 480V HP 15 240V HP 15 240V HP 30 Ambient conditions Temperature Operating temperature min °C -25 max °C +55 5 5 Storage temperature min °C -40 max °C +70 Resistance & Protection Frontal IP degree IP54			Max	mm²	1X185
Mechanical life cycles 2X10 ^s 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 30 Temperature Operating temperature min °C -25 Storage temperature min °C -25 Resistance & Protection min °C -40 Frontal IP degree IP54 IP54			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 75 for single-phase motor 120V HP 15 240V HP 30 120V HP 30 Ambient conditions 120V HP 15 240V HP 30 Ambient conditions 120V HP 30 120V HP 30 Ambient conditions 120V HP 30 120V HP 30 Ambient conditions 120V HP 30 15 120V HP 30 Ambient conditions 120V HP 30 15 15 15 15 15 15 15 15 15 15 15 15 15 16 16 16 17 16 17 16 17 17 17 17 17 17 15 16	UL technical data				
for three-phase motor 120V HP 30 240V HP 50 480V HP 100 600V HP 75 75 for single-phase motor 120V HP 15 240V HP 30 120V HP 30 Ambient conditions 120V HP 15 240V HP 30 Ambient conditions 120V HP 30 120V HP 30 Ambient conditions 120V HP 30 120V HP 30 Ambient conditions 120V HP 30 15 120V HP 30 Ambient conditions 120V HP 30 15 15 15 15 15 15 15 15 15 15 15 15 15 16 16 16 17 16 17 16 17 17 17 17 17 17 15 16	Motor power for direct	-on-line control			
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 min °C -25 Max °C +55 Storage temperature min °C -40 max °C +70 Resistance & Protection IP54 1954	-				
480V 600VHP 75100 600Vfor single-phase motor120V 240VHP 15 240V15 30Ambient conditions120V 240VHP 3030Temperature0 perating temperature			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 IP54			240V	HP	50
for single-phase motor $ \begin{array}{ccccccccccccccccccccccccccccccccccc$			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 IP54			600V	HP	75
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 IP54		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 IP54			120V	HP	15
Temperature Operating temperature min °C -25 max °C +55 Storage temperature min °C -40 max °C +70 Resistance & Protection IP54			240V	HP	30
Operating temperature min °C -25 max °C +55 Storage temperature min °C -40 max °C +70 Resistance & Protection Frontal IP degree IP54	Ambient conditions				
min °C -25 max °C +55 Storage temperature min °C -40 max °C +70 Resistance & Protection IP54	Temperature				
min °C -25 max °C +55 Storage temperature min °C -40 max °C +70 Resistance & Protection IP54	-	Operating temperature			
Storage temperature min °C -40 max °C +70 Resistance & Protection IP54			min	°C	-25
min °C -40 max °C +70 Resistance & Protection Frontal IP degree IP54			max	°C	+55
min °C -40 max °C +70 Resistance & Protection Frontal IP degree IP54		Storage temperature			
Resistance & Protection Frontal IP degree IP54			min	°C	-40
Frontal IP degree IP54			max	°C	+70
Frontal IP degree IP54	Resistance & Protecti	on			
					IP54
	Terminals IP degree				IP00

Dimensions





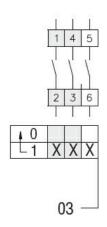


Series Enclosure Number			f elements	Dimensions							Protection		
Series	size	L	L1	L	L1	В	B1	С	C1	D	G	Р	degree
GN200	250x316	1-3	4 - 6	162	252	250	316	270	200	9	4.5	98	IP54
GN315		1-3	4 - 6	162	252	250	316	270	200	9	4.5	98	IP54
Wirina di	adrams												

complete



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Certifications a	nd compliance	
Compliance		
	IEC/EN/BS 60947-1	
	IEC/EN/BS 60947-3	
	IEC/EN/BS 60947-5-1	
ETIM classifica	ition	
ETIM 8.0		EC001029 - Selector switch,

GN31507L