

GN31575L ENCLOSED ROTARY CAM SWITCH GN SERIES, CHANGEOVER SWITCH 4 POLES 315A IN METAL ENCLOSURE 250X316MM WITH BLACK HANDLE

Product dyse designation GN315 General characteristics Switching diagram 75 - Changeo Switching diagram 75 - Changeo Switching diagram 75 - Changeo Switch 4 poles Switching diagram 4 Contact characteristics Contact charact				Enclosed rotary
General characteristics 75 - Changeous switch 4 poles Switching diagram 75 - Changeous Switch 4 poles switch 4 poles Mounting form L - Netal enclosure with black handle Contact characteristics EC/EN Rated insulation voltage UI IEC/EN V Conventional free air thermal current Ith IEC/EN X Conventional free air thermal current Ith IEC/EN X Rated operational voltage V 690 Rated operational voltage V 690 Rated operational woltage V 690 Rated operational woltage KV 6 Maximum fuse size for short-circuit protection In (gG) 10kA A Operational current Icw 1 1 1 Operational current Icw A 315 3 Rated operational power in AC A 315 Single-phase AC-3 220/230V kW 89 Single-phase AC-3 110V kW 30 Rated operational current in DC DC21A 48V	Product designation			cam switch
Switching diagram 75 - Changeo witch 4 poles				GN315
SMICINITY displant switch 4 poles N° of elements 4 Mounting form L - Metal enclosure with black handle Contact characteristics L - Metal enclosure with black handle Rated insulation voltage Ui IEC/EN V 690 Rated insulation voltage Uimp kV 8 Conventional free air thermal current Ith IEC/EN A 315 Rated operational voltage V 690 600 Rated operational voltage kV 6 6 Maximum fuse size for short-circuit protection In (gG) 10kA A 315 Rated short time current Icw 1s kA 5200 Operational current Ie IEC/EN A 315 Rated operational power in AC 315 330/440V kW 69 Single-phase AC-3 110V kW 1220/230V kW 69 Single-phase AC-3 110V kW 1220/230V kW 220 Col/GOV A 200 200/230V kW 220/230V kW 220 </td <td></td> <td></td> <td></td> <td>75 - Changeover</td>				75 - Changeover
Mounting form L - Metal enclosure with black handle enclosure with black handle enclosure with black handle usek h	Switching diagram			switch 4 poles
Advantage for a second	N° of elements			
black handle Contact characteristics Rated insulation voltage Ui IEC/EN V 690 UL/CSA V 690 Conventional free air thermal current Ith IEC/EN A 315 Curventional voltage V 690 Rated operational voltage V 690 Rated operational voltage KV 6 Maximum fuse size for short-circuit protection In (gG) Maximum fuse size for short-circuit protection AC1/AC21A A 315 Rated operational power in AC 220/230V KW <t< td=""><td></td><td></td><td></td><td></td></t<>				
Contact characteristics Rated insulation voltage Ui IEC/EN V 690 Rated insulation voltage Uimp KV 8 Conventional free air thermal current Ith IEC/EN A 315 Rated operational voltage V 690 0 Rated operational voltage V 6 6 Maximum fuse size for short-circuit protection In (gG) 10kA A 315 Rated operational current Icw 1 1 1 1 Operational current Icw 1 1 1 1 1 Operational current Ie IEC/EN A 315 3 3 3 3 3 1	Mounting form			
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UL/CSA V 600 Rated inpulse withstand voltage Uimp kV 8 Conventional free air thermal current lth IEC/EN A 315 UL/CSA A 255 255 Rated operational voltage kV 6 Maximum fuse size for short-circuit protection ln (gG) 10kA A 315 Rated short time current lcw 1s kA 5200 Operational current le IEC/EN A 315 AC1/AC21A A 315 Rated operational power in AC Three-phase AC-3 220/230V kW 37 Single-phase AC-3 110V kW 12 220/230V kW 30 Rated operational current in DC 220/230V kW 20 30/440V kW 30 Rated operational current in DC DC21A 48V A 200 60V A 200 MC = Risplation W 64.5 35 200 35 220V A 2.5 Mechanical features	Rated insulation voltage Ui			
Rated impulse withstand voltage Uimp kV 8 Conventional free air thermal current Ith IEC/EN A 315 Rated operational voltage V 690 Rated operational impulse voltage kV 6 Maximum fuse size for shot-circuit protection In (gG) 10kA A 315 Rated short time current Icw 1s kA 5200 Operational current Ie IEC/EN A 315 Rated operational power in AC A 315 Three-phase AC-3 220/230V kW 37 380/440V kW 31 220/230V kW 37 Single-phase AC-3 110V kW 11 220/230V kW 22 Single-phase AC-3 110V kW 11 220/230V kW 22 Single-phase AC-3 110V kW 11 220/230V kW 22 Single-phase AC-3 110V kW 30 30 30 Rated operational current in DC DC21A 48V A<	U U	IEC/EN	V	690
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IEC/EN A 315 Rated operational voltage V 690 Rated operational impulse voltage kV 6 Maximum fuse size for short-circuit protection In (gG) 10kA A 315 Rated short time current low 10kA A 315 Querational current le IEC/EN KA 5200 AC1/AC21A A 315 Rated operational power in AC A 315 Rated operational power in AC Three-phase AC-3 220/230V kW 37 Single-phase AC-3 110V kW 11 220/230V kW 30 Rated operational current in DC DC21A 48V A 200 60V A 200 110V KW 35 220/2 X 220/2 X 220/2 380/440V kW 30 30 Rated operational current in DC DC21A 48V A 200 60V A 200 110V A 35	Rated impulse withstand voltage Uimp		kV	8
UL/CSA A 255 Rated operational voltage V 690 Rated operational impulse voltage kV 6 Maximum fuse size for short-circuit protection ln (gG) 10kA A 315 Rated short time current lcw 15kA A 315 Rated short time current lcW 1s kA 5200 Operational current le IEC/EN AC1/AC21A A 315 Rated operational power in AC A 315 Rated operational power in AC XW 55 Single-phase AC-3 220/230V kW 69 Single-phase AC-3 110V kW 11 220/230V kW 49 30 Rated operational current in DC 220/230V kW 11 DC21A 48V A 200 110V A 35 Rated operational current in DC DC21A 48V A 200 110V A 35 Quover dissipation W 64.5 0.9 9 220V 10<	Conventional free air thermal current Ith			
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Rated operational impulse voltage kV 6 Maximum fuse size for short-circuit protection In (gG) 10kA A 315 Rated short time current lcw 1s kA 5200 Operational current le IEC/EN A 315 Rated operational power in AC A 315 Three-phase AC-3 220/230V kW 37 380/440V kW 55 500/690V kW 69 Single-phase AC-3 110V kW 11 220/230V kW 22 Single-phase AC-3 110V kW 11 220/230V kW 22 Rated operational current in DC DC21A 48V A 200 60V A 200 GOV A 200 60V A 200 60V A 2.5 Machanical features 48V A 2.5 200V A 2.5 Mechanical features 440V A 0.9 9 200 440V A 0.9 <		UL/CSA	А	255
Rated operational impulse voltage kV 6 Maximum fuse size for short-circuit protection In (gG) 10kA A 315 Rated short time current Icw 15 kA A 315 Qperational current le IEC/EN A 315 Rated operational power in AC A 315 Rated operational power in AC A 315 Single-phase AC-3 220/230V kW 37 Single-phase AC-3 110V kW 11 220/230V kW 22 380/440V kW 22 Single-phase AC-3 110V kW 11 220/230V kW 22 Rated operational current in DC DC21A 48V A 200 60V A 200 DC21A 48V A 200 60V A 2.5 220V A 2.5 Mechanical features 440V A 0.9 9 9 9 9 9 9 9 9 9 9 10 <t< td=""><td>Rated operational voltage</td><td></td><td>V</td><td>690</td></t<>	Rated operational voltage		V	690
Maximum fuse size for short-circuit protection In (gG) 10kA A 315 Rated short time current Icw 1s kA 5200 Operational current le IEC/EN A 315 Rated operational power in AC A 315 Rated operational power in AC 220/230V kW 37 380/440V kW 55 500/690V kW 69 Single-phase AC-3 110V kW 11 220/230V kW 12 Rated operational current in DC 220/230V kW 11 220/230V kW 30 Rated operational current in DC DC21A 48V A 200 60V A 200 Mechanical features 440V A 0.9 2200V A 2.5 220V A 2.5	· · · · · · · · · · · · · · · · · · ·		kV	6
15kA A 315 Rated short time current lcw 1s kA 5200 Operational current le IEC/EN AC1/AC21A 315 Rated operational power in AC A 315 Rated operational power in AC A 37 380/440V kW 37 380/440V kW 55 500/690V kW 69 500/690V kW 69 Single-phase AC-3 110V kW 11 220/230V kW 22 Rated operational current in DC DC21A 110V kW 20 30 Rated operational current in DC DC21A 48V A 200 60V A 200 Mechanical features 48V A 200 110V A 35 220V A 2.5 Mechanical features WG 64.5 ME 10 10 Conductor size AWG - Rigid cable Max AWG 1XMCM350	Maximum fuse size for short-circuit protection In (gG)			
1s kA 5200 Operational current le IEC/EN AC1/AC21A A 315 Rated operational power in AC Three-phase AC-3 220/230V kW 37 Single-phase AC-3 220/230V kW 69 Single-phase AC-3 110V kW 110V kW 220/230V kW 22 ABV0 A 200 110V kW 200 110V A 200 110V A 200 110V 200 1		10kA	А	315
1s kA 5200 Operational current le IEC/EN AC1/AC21A A 315 Rated operational power in AC Three-phase AC-3 A 315 220/230V kW 37 380/440V kW 30 Rated operational current in DC DC21A 110V kW 11 220/230V kW 22 380/440V kW 30 Rated operational current in DC DC21A 48V A 200 60V A 200 60V A 200 110V A 35 220V A 2.5 Power dissipation W 64.5 440V A 0.9 Power dissipation W 64.5 5 5 Mechanical features M10		15kA	А	315
Operational current le IEC/EN AC1/AC21A A 315 Rated operational power in AC Three-phase AC-3 220/230V kW 37 380/440V kW 55 500/690V kW 69 Single-phase AC-3 110V kW 11 220/230V kW 22 Rated operational current in DC DC21A 110V kW 11 220/230V kW 30 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 64.5 W 64.5 M 10 Conductor size MI0 Tightening torque for terminals max Nm 10 10 Conductor size AWG - Rigid cable Max AWG 1XMCM350	Rated short time current Icw			
AC1/AC21A A 315 Rated operational power in AC Three-phase AC-3 220/230V kW 37 380/440V kW 35 500/690V kW 69 Single-phase AC-3 110V kW 11 220/230V kW 220 Single-phase AC-3 110V kW 11 220/230V kW 220 Rated operational current in DC 200 60V A 200 DC21A 48V A 200 60V A 200 Power dissipation W 64.5 0.9 9 9 Power dissipation W 64.5 0.9 9 9 Power dissipation W 64.5 0.9 9 </td <td></td> <td>1s</td> <td>kA</td> <td>5200</td>		1s	kA	5200
A 315 Rated operational power in AC Three-phase AC-3 220/230V kW 37 380/440V kW 69 Single-phase AC-3 110V kW 11 220/230V kW 22 380/440V kW 22 380/440V kW 22 380/440V kW 30 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 64.5 64.5 64.5 Mechanical features W 64.5 64.5 Terminals screw M10 7 64.5 Conductor size AWG - Rigid cable Max AWG 1XMCM350 AWG - Flexible cable Max AWG 1XMCM350 50	Operational current le IEC/EN			
Rated operational power in AC Three-phase AC-3 220/230V kW 37 380/440V kW 55 500/690V kW 69 Single-phase AC-3 110V kW 11 220/230V kW 22 380/440V kW 11 220/230V kW 22 380/440V kW 11 220/230V kW 22 380/440V kW 30 30 30 Rated operational current in DC DC21A 48V A 200 60V A 200 60V A 200 110V K 35 220V A 2.5 440V A 0.9 9 9 9 Power dissipation W 64.5 9 9 9 Power dissipation W 64.5 9 9 9 Conductor size Mitchanical features 10 10 10 10 Conductor size AWG - Rigid cable </td <td>AC1/AC21A</td> <td></td> <td></td> <td></td>	AC1/AC21A			
Three-phase AC-3 220/230V kW 37 380/440V kW 55 500/690V kW 69 Single-phase AC-3 110V kW 11 220/230V kW 22 380/440V kW 22 Single-phase AC-3 110V kW 11 220/230V kW 22 380/440V kW 30 30 30 30 Rated operational current in DC DC21A 48V A 200 MC21A 48V A 200 110V A 35 220V A 2.5 440V A 0.9 Power dissipation W 64.5 Mechanical features M10 Tightening torque for terminals max Nm 10 Conductor size M20 AWG - Rigid cable Max AWG 1XMCM350 AWG - Flexible cable Max AWG 1XMCM350			А	315
220/230V kW 37 380/440V kW 55 500/690V kW 69 Single-phase AC-3 110V kW 11 220/230V kW 22 380/440V kW 22 380/440V kW 11 220/230V kW 22 380/440V kW 30 38 30 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 64.5 Mechanical features M10 Terminals screw M10 Tightening torque for terminals max Nm 10 Conductor size AWG - Rigid cable Max AWG 1XMCM350 AWG - Flexible cable Max AWG 1XMCM350	Rated operational power in AC			
380/440V kW 55 500/690V kW 69 Single-phase AC-3 110V kW 11 220/230V kW 22 380/440V kW 30 Rated operational current in DC DC21A 48V A 200 60V A 200 60V A 200 110V A 35 220V A 2.5 440V A 35 220V A 2.5 440V A 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 Max AWG 1XMCM350	Three-phase AC-3			
500/690V kW 69 Single-phase AC-3 110V kW 11 220/230V kW 22 380/440V kW 30 Rated operational current in DC DC21A 48V A 200 60V A 200 60V A 200 110V A 35 220V A 2.5 440V A 0.9 440V A 0.9 440V A 0.9 Power dissipation W 64.5 440V A 0.9 440V A 0.9 Power dissipation W 64.5 440V A 0.9 440V A 0.9 Power dissipation W 64.5 440V A 0.9 440V A 0.9 Power dissipation W 64.5 440V A 0.9 40V <td></td> <td>220/230V</td> <td>kW</td> <td>37</td>		220/230V	kW	37
Single-phase AC-3 110V kW 11 220/230V kW 22 380/440V kW 30 Rated operational current in DC DC21A 48V A 200 60V A 200 60V A 200 110V A 35 220V A 2.5 440V A 0.9 9 64.5 100 10 Machanical features Terminals screw M10 Tightening torque for terminals max Nm 10 Conductor size Max AWG - Rigid cable Max AWG 1XMCM350		380/440V	kW	55
110V kW 11 220/230V kW 22 380/440V kW 30 Rated operational current in DC DC21A 48V A 200 60V A 200 60V A 200 110V A 35 220V A 2.5 440V A 0.9 9 Power dissipation W 64.5 64.5 Machanical features Terminals screw M10 Tightening torque for terminals max Nm 10 Conductor size AWG - Rigid cable		500/690V	kW	69
220/230V kW 22 380/440V kW 30 Rated operational current in DC DC21A 48V A 200 60V A 200 10V A 35 220V A 2.5 440V A 0.9 Power dissipation W 64.5 Mechanical features Terminals screw M10 Tightening torque for terminals max Nm 10 Conductor size Max AWG - Rigid cable Max AWG 1XMCM350	Single-phase AC-3			
380/440V kW 30 Rated operational current in DC DC21A 48V A 200 48V A 200 60V A 200 110V A 35 220V A 2.5 440V A 0.9 9 Power dissipation W 64.5 64.5 Mechanical features W 64.5 64.5 Terminals screw M10 7 7 Tightening torque for terminals max Nm 10 7 Conductor size AWG - Rigid cable Max AWG 1XMCM350 AWG - Flexible cable Max AWG 1XMCM350		110V	kW	11
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 64.5 Mechanical features Terminals screw M10 Tightening torque for terminals max Nm 10 Conductor size AWG - Rigid cable <u>Max AWG 1XMCM350</u>		220/230V	kW	22
DC21A 48V A 200 60V A 200 110V A 35 220V A 2.5 440V A 0.9 Power dissipation W 64.5 Mechanical features W 64.5 Terminals screw M10 M Tightening torque for terminals max Nm 10 Conductor size AWG - Rigid cable Max AWG AWG - Flexible cable Max AWG 1XMCM350		380/440V	kW	30
48V A 200 60V A 200 110V A 35 220V A 2.5 440V A 0.9 Power dissipation W Mechanical features Terminals screw W M10 Tightening torque for terminals max Nm 10 Conductor size AWG - Rigid cable Max AWG 1XMCM350 AWG - Flexible cable Max AWG 1XMCM350	Rated operational current in DC		_	
60VA200110VA35220VA2.5440VA0.9W64.5Mechanical featuresW10Terminals screwM10Tightening torque for terminals maxNm10Conductor sizeMaxAWG1XMCM350AWG - Rigid cableMaxAWG1XMCM350	DC21A			
110VA35220VA2.5440VA0.9Power dissipationW64.5Mechanical featuresWTerminals screwM10Tightening torque for terminals maxNm10Conductor sizeAWG - Rigid cableMaxAWGAWG - Flexible cableMaxAWG1XMCM350			А	
220V A 2.5 440V A 0.9 Power dissipation W 64.5 Mechanical features 10 Terminals screw Nm 10 Conductor size AWG - Rigid cable Max AWG - Flexible cable Max AWG		60V	А	200
440V A 0.9 Power dissipation W 64.5 Mechanical features M10 Terminals screw M10 Tightening torque for terminals max Nm 10 Conductor size AWG - Rigid cable Max AWG 1XMCM350 AWG - Flexible cable Max AWG 1XMCM350		110V	А	35
Power dissipation W 64.5 Mechanical features M10 Terminals screw M10 Tightening torque for terminals max Nm 10 Conductor size AWG - Rigid cable Max AWG 1XMCM350 AWG - Flexible cable Max AWG 1XMCM350		220V	А	2.5
Mechanical features Terminals screw M10 Tightening torque for terminals max Nm 10 Conductor size AWG - Rigid cable Max AWG 1XMCM350 AWG - Flexible cable Max AWG 1XMCM350		440V	А	0.9
Terminals screw M10 Tightening torque for terminals max Nm 10 Conductor size AWG - Rigid cable Max AWG 1XMCM350 AWG - Flexible cable Max AWG 1XMCM350	Power dissipation		W	64.5
Tightening torque for terminals max Nm 10 Conductor size AWG - Rigid cable Max AWG 1XMCM350 AWG - Flexible cable Max AWG 1XMCM350	Mechanical features			
Conductor size AWG - Rigid cable Max AWG 1XMCM350 AWG - Flexible cable				
AWG - Rigid cable Max AWG 1XMCM350 AWG - Flexible cable	Tightening torque for terminals max		Nm	10
Max AWG 1XMCM350 AWG - Flexible cable	Conductor size			
AWG - Flexible cable	AWG - Rigid cable			
		Max	AWG	1XMCM350
Max AWG 1XMCM350	AWG - Flexible cable			
		Max	AWG	1XMCM350

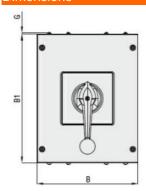
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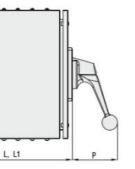


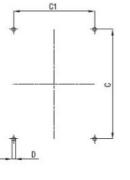
GN31575L ENCLOSED ROTARY CAM SWITCH GN SERIES, CHANGEOVER SWITCH 4 POLES 315A IN METAL ENCLOSURE 250X316MM WITH BLACK HANDLE

	Conductor size (IEC) - Flexible cable			
		Max	mm²	1X185
	Conductor size (IEC) - Rigid cable			
		Max	mm²	1X185
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 & Protecti	on			
Frontal IP degree				IP54
Terminals IP degree				IP00
J				

Dimensions

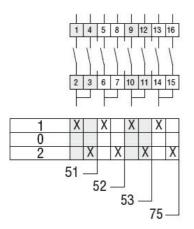






Carios	Enclosure	Number o	f elements	Dimensions							Protection		
Series	size	L	L1	L	L1	В	B1	С	C1	D	G	Р	degree
GN200	250x316	1-3	4 - 6	162	252	250	316	270	200	9	4.5	98	IP54
GN315		1-3	4 - 6	162	252	250	316	270	200	9	4.5	98	IP54
Wirina di	adrams												





Certifications and compliance

Compliance

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

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete