

ENCLOSED ROTARY CAM SWITCH GN SERIES, CHANGEOVER SWITCH WITHOUT 0, 3 POLES 315A IN METAL ENCLOSURE 250X316MM WITH BLACK HANDLE

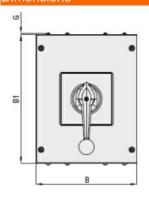
Product type designation Seminary Semi	Product designation				Enclosed rotary cam switch
Switching diagram 56 - Changeover subtivation to 3 proles N° of elements 3 Mounting form 2 3 Mounting form 2 1 - Metal enclosure with black handle enclosure with the enclosure with black handle enclosure with the enclosure with the enclosure with enclosure with enclosure with enclosure with enclosure with enclosure with enclosu	Product type designation				GN315
Switch without 0 3 poles witth without 0 3 poles N° of elements 3 Mounting form Image: Contact characteristics Image: Contact characteristics IEC/EN V 600 Rated insulation voltage Ui IEC/EN V 600 <	General characteristics				
Mounting form	Switching diagram				switch without 0 3
Mounting form enclosure with black handle Contact characteristics IEC/EN V 680 Rated insulation voltage Uim IEC/EN V 600 Rated inpulse withstand voltage Uimp IEC/EN A 315 Conventional free air thermal current Ith IEC/EN A 315 Rated operational voltage V 690 Rated operational impulse voltage UL/CSA A 255 Rated operational impulse voltage 10kA A 315 Rated short time current low 15kA A 315 Rated short time current low 1s kA 5200 Three AC/IAC21A Three-phase AC-3 Three-phase AC	N° of elements				
Rated insulation voltage Ui	Mounting form				enclosure with
Comment Comm	Contact characteristics				
Rated impulse withstand voltage Ulimp	Rated insulation voltage Ui				
Rated impulse withstand voltage Uimp			IEC/EN	V	690
Conventional free air thermal current Ith			UL/CSA	V	600
IEC/EN A 315 UL/CSA A 255 Extend operational voltage V 690	Rated impulse withstand voltage	ge Uimp		kV	8
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 lcw 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 20 380/440V kW 30 Rated operational current in DC W 48V A 200 60V A 200 60V A 200 60V A 200 60V A 20 110V A 35 220V A 2.5 40V A 0.9<	Conventional free air thermal of	urrent Ith			
Rated operational voltage			IEC/EN	Α	315
Rated operational impulse voltage Maximum fuse size for short-circuit protection In (gG) 10kA			UL/CSA	Α	255
Maximum fuse size for short-circuit protection In (gG)	Rated operational voltage			V	690
10kA 15kA A 315 A 3	Rated operational impulse volt	age		kV	6
Name	Maximum fuse size for short-c	ircuit protection In (gG)			
Rated short time current Icw				Α	
Table Section Sectio			15kA	Α	315
A	Rated short time current Icw				
AC1/AC21A Rated operational power in AC Three-phase AC-3 220/230V kW 37 380/440V kW 55 500/690V kW 69			1s	kA	5200
Rated operational power in AC	-				
Rated operational power in AC	AC1/A	AC21A			
Three-phase AC-3 220/230V				A	315
Single-phase AC-3 110V kW 11 220/230V kW 30 380/440V kW 55 500/690V kW 69 69 60 60 60 60 60 60	· · · · · · · · · · · · · · · · · · ·				
Single-phase AC-3 110V kW 69 69	Three	-phase AC-3			
Single-phase AC-3 110V kW 11 220/230V kW 22 380/440V kW 30					
Single-phase AC-3					
110V kW 11 220/230V kW 22 380/440V kW 30			500/690V	kVV	69
Rated operational current in DC DC21A	Single	-phase AC-3	4401/	1.3.47	44
Rated operational current in DC DC21A 48V A 200 60V A 200 110V A 35 220V A 2.5 440V A 0.9 200 64.5 Mechanical features M10 Tightening torque for terminals max Nm 10 Conductor size AWG - Rigid cable Max AWG 1XMCM350 AWG A					
Rated operational current in DC DC21A 48V					
DC21A	Pated apprational current in D	^	300/4401	KVV	30
A8V A 200	•				
Conductor size Box	DC21		/\Q\/	Δ	200
110V A 35 220V A 2.5 440V A 0.9					
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					
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					
Mechanical features Terminals screw Tightening torque for terminals max Conductor size AWG - Rigid cable Max AWG 1XMCM350	Power dissipation				
Terminals screw Tightening torque for terminals max Nm 10 Conductor size AWG - Rigid cable Max AWG 1XMCM350					
Tightening torque for terminals max Conductor size AWG - Rigid cable Max AWG 1XMCM350					M10
Conductor size AWG - Rigid cable Max AWG 1XMCM350	-		Nm		
AWG - Rigid cable Max AWG 1XMCM350					
Max AWG 1XMCM350		- Rigid cable			
		_	Max	AWG	1XMCM350
	AWG	- Flexible cable			

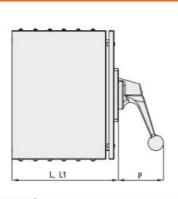


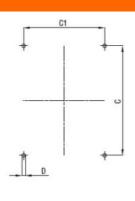
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		Max	AWG	1XMCM350
	Conductor size (IEC) - Flexible cable			
		Max	mm²	1X185
	Conductor size (IEC) - Rigid cable			_
		Max	mm²	1X185
Mechanical life			cycles	2X10⁵
UL technical data				
Motor power for direct-	on-line control			
	for three-phase motor			
		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 & Protection	on			
Frontal IP degree				IP54
Terminals IP degree				IP00
Dimensions				

Dimensions





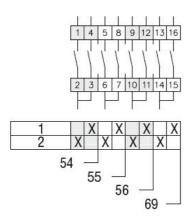


Corios	Enclosure	Number of	f elements	Dimensions							Protection		
Series	size	L	L1	L	L1	В	B1	С	C1	D	G	Р	degree
GN200	250x316	1 - 3	4 - 6	162	252	250	316	270	200	9	4.5	98	IP54
GN315	100000000000000000000000000000000000000	1 - 3	4 - 6	162	252	250	316	270	200	9	4.5	98	IP54

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

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete