



ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH 2 POLES 63A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

Product type designation Sea Sea Changeover switch 12 poles	Product designation				Rotary cam switches
Switching diagram 52 - Changeover switch 2 poles N° of elements 2 Mounting form Contact characteristics Rated insulation voltage Ui IEC/EN V 600 Rated impulse withstand voltage Uimp KV 6 Conventional free air thermal current ith IEC/EN A 63 Rated operational voltage KV 4 4 Rated operational impulse voltage KV 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 63 Rated short time current lcw 10kA A 63 Rated short time current lcw 1s kA 1600 Conductivity 1s kA 1600 Operational current le IEC/EN A 63 25kA A 63 AC15 1110V A 32 220/230V A 25 380/40V A 15 A 63 63 66 66/690V A 4 15 A 63 66/690V <td></td> <td>n</td> <td></td> <td></td> <td>7GN63</td>		n			7GN63
Mounting form					
Mounting form Mounting with black handle Mounting with black handle Mounting with black handle Mounting with stand voltage Uir Mounting with stand voltage Mounting with stand with s	N° of elements				
Rated insulation voltage Ui	Mounting form				mounting with
IEC/EN V 690					
Rated impulse withstand voltage Uimp	Rated insulation voltage	Ui			
Rated impulse withstand voltage Uimp					
Conventional free air thermal current Ith	Pated impulse withstand	l voltago I limp	UL/CSA		
Rated operational voltage V V V V V V V V V				KV	0
Rated operational voltage	Conventional free all the	arrial current fur	IFC/FN	Α	63
Rated operational voltage					
Rated operational impulse voltage Maximum fuse size for short-circuit protection In (gG) 10kA	Rated operational voltage	ge			
10kA				kV	4
15kA	Maximum fuse size for s	short-circuit protection In (gG)			
Rated short time current Icw 1s				Α	
Sokk					
Rated short time current lcw					
Rated short time current lcw					
Three-phase AC-3A Single-phase AC-23A	Data d about times assured	Llaur.	63kA	Α	63
Conductivity	Rated short time current	LICW	16	۲Λ	1600
A	Conductivity		13	N/A	
AC1/AC21A AC15 T110V A 32 220/230V A 25 380/400V A 15 660/690V A 4 Rated operational power in AC Three-phase AC-3 220/230V kW 11 380/440V kW 18.5 500/690V kW 18.5 Single-phase AC-3 110V kW 3.7 220/230V kW 11.5 Three-phase AC23A 220/230V kW 11.5 Three-phase AC23A 110V kW 3.7 220/230V kW 15.5 Single-phase AC23A 110V kW 3.7 220/230V kW 15.5 Three-phase AC23A		-C/FN			10/0 111/-4 V
AC15 110V A 32 220/230V A 25 380/400V A 15 660/690V A 4 Rated operational power in AC Three-phase AC-3 220/230V kW 11 380/440V kW 18.5 500/690V kW 18.5 Single-phase AC-3 110V kW 3.7 220/230V kW 6.5 380/440V kW 11.5 Three-phase AC23A 220/230V kW 6.5 380/440V kW 11.5 Three-phase AC23A 220/230V kW 30 500/690V kW 30 Single-phase AC23A Single-phas	·				
110V				Α	63
Rated operational power in AC Three-phase AC-3		AC15			
Single-phase AC23A Single-			110V	Α	32
Rated operational power in AC Three-phase AC-3 220/230V kW 11 380/440V kW 18.5 500/690V kW 18.5			220/230V	Α	25
Rated operational power in AC Three-phase AC-3 220/230V kW 11 380/440V kW 18.5 500/690V kW 18.5 Single-phase AC-3 110V kW 3.7 220/230V kW 6.5 380/440V kW 11.5 Three-phase AC23A 220/230V kW 12.5 380/440V kW 30 500/690V kW 30 Single-phase AC23A			380/400V	Α	15
Three-phase AC-3 220/230V kW 11 380/440V kW 18.5 500/690V kW 18.5 Single-phase AC-3 110V kW 3.7 220/230V kW 6.5 380/440V kW 11.5 Three-phase AC23A 220/230V kW 12.5 380/440V kW 30 500/690V kW 30 Single-phase AC23A			660/690V	Α	4
220/230V kW 11 380/440V kW 18.5 500/690V kW 18.5 Single-phase AC-3 110V kW 3.7 220/230V kW 6.5 380/440V kW 11.5 Three-phase AC23A 220/230V kW 12.5 380/440V kW 30 500/690V kW 30 Single-phase AC23A 110V kW 3.7	· · · · · · · · · · · · · · · · · · ·				
380/440V kW 18.5 500/690V kW 18.5 Single-phase AC-3 110V kW 3.7 220/230V kW 6.5 380/440V kW 11.5 Three-phase AC23A 220/230V kW 12.5 380/440V kW 30 500/690V kW 30 Single-phase AC23A 110V kW 3.7		Three-phase AC-3			44
Single-phase AC-3 110V kW 3.7 220/230V kW 6.5 380/440V kW 11.5 11.5 12.5 380/440V kW 30 500/690V kW 30 Single-phase AC23A 110V kW 3.7 110V kW 3.7 110V kW 3.7 110V kW 3.7 110V kW 3.7 110V kW 3.7 110V kW 3.7 110V 1					
Single-phase AC-3 110V kW 3.7 220/230V kW 6.5 380/440V kW 11.5 Three-phase AC23A 220/230V kW 12.5 380/440V kW 30 500/690V kW 30 Single-phase AC23A 110V kW 3.7					
110V kW 3.7 220/230V kW 6.5 380/440V kW 11.5 Three-phase AC23A 220/230V kW 12.5 380/440V kW 30 500/690V kW 30 Single-phase AC23A 110V kW 3.7		Single phase AC 2	500/690V	KVV	18.5
220/230V kW 6.5 380/440V kW 11.5 Three-phase AC23A 220/230V kW 12.5 380/440V kW 30 500/690V kW 30 Single-phase AC23A 110V kW 3.7		Single-phase AC-3	110\/	k\٨/	3 7
380/440V kW 11.5 Three-phase AC23A 220/230V kW 12.5 380/440V kW 30 500/690V kW 30 Single-phase AC23A 110V kW 3.7					
Three-phase AC23A 220/230V kW 12.5 380/440V kW 30 500/690V kW 30 Single-phase AC23A 110V kW 3.7					
220/230V kW 12.5 380/440V kW 30 500/690V kW 30 Single-phase AC23A 110V kW 3.7		Three-phase AC23A			
380/440V kW 30 500/690V kW 30 Single-phase AC23A 110V kW 3.7		•	220/230V	kW	12.5
500/690V kW 30 Single-phase AC23A 110V kW 3.7					
110V kW 3.7			500/690V		
		Single-phase AC23A			
220/230V kW 7.5					
			220/230V	kW	7.5



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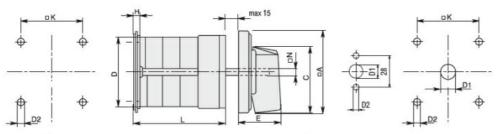
		380/440V	kW	12.5
Rated operational cur				_
	DC21A		_	
		48V	A	63
		60V 110V	A A	50 8
		220V	A	1
	DC23A (poles in series)	220 V		
	2 0 2 0 / ((poise in conice)	24V	Α	50 (1)
		48V	Α	50 (2)
		60V	Α	50 (3)
		110V	Α	25 (3)
		220V	Α	15 (4)
	DC13			
		24V	Α	63
		48V	A	40
		60V	A	28
Dower dissination		110V	A W	3.3
Power dissipation Mechanical features			۷V	J.4
Terminals screw				M5
Tightening torque for	terminals max		Nm	2
Conductor size	terrimae max		1400	
	AWG - Rigid cable			
	3	min	AWG	14
		Max	AWG	6
	AWG - Flexible cable			
		min	AWG	14
		Max	AWG	8
	Conductor size (IEC) - Flexible cable			
		min	mm²	2.5
	One divistorializa (IEO). Divid poble	Max	mm²	10
	Conductor size (IEC) - Rigid cable	min	mm²	2.5
		min Max	mm² mm²	16
Mechanical life		IVICA	cycles	5x10 ⁶
UL technical data			Oy 0103	OXTO
Motor power for direc	t-on-line control			
,	for three-phase motor			
	·	120V	HP	7.5
		240V	HP	15
		480V	HP	25
		600V	HP	25
	for single-phase motor			_
		120V	HP	3
Ambient conditions		240V	HP	10
Ambient conditions Temperature				
remperature	Operating temperature			
	Operating temperature	min	°C	-25
		max	°C	+55
	Storage temperature	ших		
	2.5.2go tomporataro	min	°C	-40
		max	°C	+70
		<u> </u>		

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ENERGY AND AUTOMATION

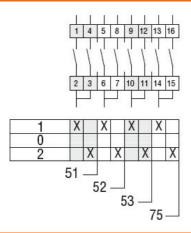
Resistance & Protection Frontal IP degree IP40 Terminals IP degree IP00

Dimensions



Series	Dimensions							L Number of elements												
	□A	С	ØD	ØD2	Е	Ξ	□K	□N	1	2	3	4	5	6	7	8	9	10	11	12
7GN12	48	39.5	39	5	26.5	5	36	6	38.1	47.8	57.5	67.2	76.9	86.6	96.3	106	115.7	125.4	135.1	144.8
7GN20	48	39.5	39	5	26.5	5	36	6	38.1	47.8	57.5	67.2	76.9	86.6	96.3	106	115.7	125.4	135.1	144.8
7GN25	48	39.5	43	5	26.5	5	36	6	42.5	56.1	69.7	83.3	96.9	110.5	124.1	137.7	151.3	164.9	178.5	192.1
7GN32	65	53	58	5	34.5	5.5	48	7	48.5	63.6	78.7	93.8	108.9	124	139.1	154.2	169.3	184.4	199.5	214.6
7GN40	65	53	58	5	34.5	5.5	48	7	48.5	63.6	78.7	93.8	108.9	124	139.1	154.2	169.3	184.4	199.5	214.6
7GN63	65	53	62	6	34.5	7.5	68	7	53.3	71.4	89.5	107.6	125.7	143.8	161.9	180	198.1	216.2	234.3	252.4
7GN125	90	70.5	86	6	41.4	7.5	68	9	74.8	103.9	133	162.1	191.2	220.3	249.4	278.5	307.6	336.7	365.8	394.9

Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 14

IEC/EN/BS 60947-1

IEC/EN/BS 60947-3

IEC/EN/BS 60947-5-1

UL60947-4-1

Certificates

cCSAus

EAC

UL

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete