

ROTARY CAM SWITCH GX SERIES, DAHLANDER MOTOR CONTROL SWITCH 0-1-2, 16A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

Product type designation	Product designation			Rotary cam
Switching diagram 19 - Dahlander motor control switch 0-1-2	Product type designation			
Switching diagram 19 - Dahlander motor control switch 01-12 motor motor control switch 01-12 motor motor control switch 01-12 motor m				OXIO
Mounting form				motor control
Mounting form Mounting with black handle Mounting with black handle Mounting with black handle Mounting with stand voltage Ulimp Mounting With Stand Voltage Mounting With Stand With St	N° of elements			
Rated insulation voltage Ui	Mounting form			mounting with
Comment Comm	Contact characteristics			
Rated impulse withstand voltage Uimp	Rated insulation voltage Ui			
Rated impulse withstand voltage Uimp	IE	C/EN	V	690
Conventional free air thermal current lth	UL	J/CSA	V	600
Rated operational voltage Rated operational voltage Rated operational impulse voltage Rated short-circuit protection In (gG) Rated short time current lcw	Rated impulse withstand voltage Uimp		kV	6
Rated operational voltage V	Conventional free air thermal current Ith			
Rated operational voltage	IE	C/EN	Α	16
Rated operational impulse voltage	UL	_/CSA		12
Maximum fuse size for short-circuit protection In (gG)	Rated operational voltage		V	440
10kA	Rated operational impulse voltage		kV	4
Title Titl	Maximum fuse size for short-circuit protection In (gG)			_
Rated short time current Icw 1s		10kA	Α	16
Rated short time current low		15kA	Α	16
Three-phase AC-3A Thre		25kA	Α	16
Conductivity	Rated short time current lcw			
Operational current le IEC/EN		1s	Α	250
AC1/AC21A AC15 110V A 10 220/230V A 8 380/400V A 4 660/690V A 1.5 Rated operational power in AC Three-phase AC-3 220/230V kW 3.5 380/440V kW 4.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.55 220/230V kW 1.5 380/440V kW 1.5 380/440V kW 2.2 Three-phase AC23A 220/230V kW 3.7 380/440V kW 2.2 Three-phase AC23A 220/230V kW 3.7 380/440V kW 5.5 Single-phase AC23A	Conductivity			10/5 mA/V
A 16 AC15 110V A 10 220/230V A 8 380/400V A 4 660/690V A 1.5 Rated operational power in AC Three-phase AC-3 220/230V kW 3.5 380/440V kW 4.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.55 220/230V kW 1.5 380/440V kW 2.2 Three-phase AC23A 220/230V kW 3.7 380/440V kW 2.2 Three-phase AC23A 110V kW 6.5 500/690V kW 7.5 Single-phase AC23A	Operational current le IEC/EN			
AC15 110V	AC1/AC21A			
110V			Α	16
220/230V	AC15			
Single-phase AC23A 380/400V A 4 660/690V A 1.5 1.5				
Rated operational power in AC Three-phase AC-3 220/230V kW 3.5 380/440V kW 4.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.55 220/230V kW 1.5 380/440V kW 2.2 Three-phase AC23A 220/230V kW 3.7 380/440V kW 6.5 500/690V kW 7.5 Single-phase AC23A			Α	
Rated operational power in AC Three-phase AC-3 220/230V kW 3.5 380/440V kW 4.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.55 220/230V kW 1.5 380/440V kW 2.2 Three-phase AC23A 220/230V kW 3.7 380/440V kW 6.5 500/690V kW 7.5 Single-phase AC23A				
Three-phase AC-3 220/230V kW 3.5 380/440V kW 4.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.55 220/230V kW 1.5 380/440V kW 2.2 Three-phase AC23A 220/230V kW 3.7 380/440V kW 3.7 380/440V kW 6.5 500/690V kW 7.5 Single-phase AC23A		/690V	Α	1.5
220/230V kW 3.5 380/440V kW 4.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.55 220/230V kW 1.5 380/440V kW 2.2 Three-phase AC23A 220/230V kW 3.7 380/440V kW 6.5 500/690V kW 7.5 Single-phase AC23A				
380/440V kW 4.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.55 220/230V kW 1.5 380/440V kW 2.2 Three-phase AC23A 220/230V kW 3.7 380/440V kW 6.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75	·			
500/690V kW 5.5				
Single-phase AC-3 110V kW 0.55 220/230V kW 1.5 380/440V kW 2.2 Three-phase AC23A 220/230V kW 3.7 380/440V kW 6.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75				
Three-phase AC23A 110V kW 0.55 220/230V kW 1.5 380/440V kW 2.2 Three-phase AC23A 220/230V kW 3.7 380/440V kW 6.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75		/690V	kW	5.5
220/230V kW 1.5 380/440V kW 2.2 Three-phase AC23A 220/230V kW 3.7 380/440V kW 6.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75	Single-phase AC-3			
380/440V kW 2.2 Three-phase AC23A 220/230V kW 3.7 380/440V kW 6.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75				
Three-phase AC23A 220/230V kW 3.7 380/440V kW 6.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75				
220/230V kW 3.7 380/440V kW 6.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75		/440V	kW	2.2
380/440V kW 6.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75	·	/00 <i>6</i> 3.7		. –
Single-phase AC23A 110V kW 0.75				
Single-phase AC23A 110V kW 0.75				
110V kW 0.75		690V	KVV	1.5
	Single-phase AC23A	440)/	1.1.07	0.75
220/230V kW 1.8				
380/440V kW 3	380/	44UV	KVV	3



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Rated operational c				
	DC21A			
		48V	Α	16
		60V	Α	16
		110V	Α	4
		220V	Α	0.6
		440V	Α	0.25
	DC23A (poles in series)			
		24V	Α	16 (1)
		48V	Α	16 (2)
		60V	Α	16 (3)
		110V	Α	10 (3)
		220V	Α	7 (4)
	DC13			
		24V	Α	16
		48V	Α	14
		60V	Α	10
		110V	Α	1
		220V	Α	0.4
		440V	Α	0.15
Power dissipation		-	W	0.6
Mechanical features	5			
Terminals screw				3M
Tightening torque fo	or terminals max		Nm	0.5
Conductor size				
0011000101 3120	AWG - Rigid cable			
	AVVO Rigid cable	min	AWG	20
		Max	AWG	12
	AWG - Flexible cable	IVIAX	AWG	12
	AVVG - Flexible cable	min	A1A/C	20
		min Max	AWG AWG	20 12
	Conductor size (IEO) Florible sable	IVIAX	AVVG	12
	Conductor size (IEC) - Flexible cable		2	0.5
		min	mm²	0.5
	0 1 1 1 (150) Bi i 1 11	Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			0.5
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	1X10 ⁶
UL technical data				
Motor power for dire				
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
		480V	HP	5
		600V	HP	5
	for single-phase motor			
		120V	HP	0.75
		240V	HP	1
Ambient conditions				
Temperature				
	Operating temperature			
	· · · · · · · · · · · · · · · · · · ·	min	°C	-25
		max	°C	+55
	Storage temperature			
	<u> </u>			

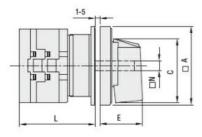
ENERGY AND AUTOMATION

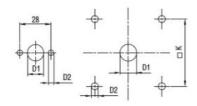
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min °C -40 max °C +70

Resistance & Protection	
Frontal IP degree	IP65
Terminals IP degree	IP20

Dimensions

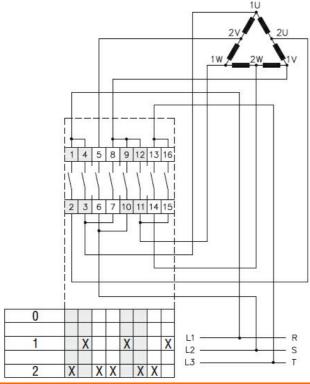




Drillings for 4 screws fixing (4V version).

Carias	Dimensions						L Number of elements												
Series	□A	C	ØD1	ØD2	Е	□K	□N	1	2	3	4	5	6	7	8	9	10	11	12
GX16	48	39.5	12	5	26.5	36	6	43	51.5	60	68.5	77	85.5	94	102.5	111	119.5	128	136.5
GX20	48	39.5	12	5	26.5	36	6	43	51.5	60	68.5	77	85.5	94	102.5	111	119.5	128	136.5
GX32	65	53	14	5	34.5	48	7	51	63	75	85	99	111	123	135	147	159	171	183
GX40	65	53	14	5	34.5	48	7	51	63	75	85	99	111	123	135	147	159	171	183

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

IEC/EN/BS 61058-1

UL60947-4-1

Certificates





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cULus	
EAC	

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete