



ENERGY AND AUTOMATION

Product designation				Enclosed rotary
_	cam switch GX20			
Product type designation General characteristics				GA20
Switching diagram				19 - Dahlander motor control switch 0-1-2
N° of elements				4
Mounting form				P - Plastic enclosure with black handle
Contact characteristics				
Rated insulation voltage	e Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstan			kV	6
Conventional free air th	ermal current Ith	150/51		
		IEC/EN	A	20
Data Lance Caralanto		UL/CSA	A	15
Rated operational volta			V	440
Rated operational impu			kV	4
Maximum fuse size for	short-circuit protection In (gG)	401-4	۸	00
		10kA 15kA	A	20
		25kA	A A	20 20
Rated short time currer	at low	ZOKA	A	20
Nateu Short time currer	It ICW	1s	Α	250
Conductivity		13		10/5 mA/V
Operational current le I	EC/EN			10/3 111/4 1
Operational current le i	AC1/AC21A			
	7.01/7.0217.		Α	20
	AC15			
		110V	Α	10
		220/230V	Α	8
		380/400V	Α	6
		660/690V	Α	1.5
Rated operational power	er in AC			
	Three-phase AC-3			
		220/230V	kW	3.7
		380/440V	kW	5.5
		500/690V	kW	5.5
	Single-phase AC-3			
		110V	kW	0.75
		220/230V	kW	1.8
	The second second second	380/440V	kW	3
	Three-phase AC23A	200/0201	1.1.1.1	4
		220/230V 380/440V	kW kw	4 7.5
		500/690V	kW kW	7.5 7.5
	Single-phase AC23A	300/0301	r\ v V	1.0
	olingio priado AOZOA	110V	kW	0.75
		220/230V	kW	2.2
		380/440V	kW	3.5



ENERGY AND AUTOMATION

DC21A	Rated operational curr	ent in DC			
ABV	realed operational curr				
Conductor size Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable Conductor size (I		DOZIA	48\/	Δ	20
1100					
Part					
DC23A (poles in series)					
DC23A (poles in series)					
A		DC23A (noles in series)		- , ,	0.20
ABV		B 020, ((poice in conce)	24V	Α	20 (1)
BOUV					
110					
DC13					
DC13					
Recommendation		DC13			()
A			24V	Α	20
Bot Conductor size Conductor size					
110V					
Power dissipation					
New of dissipation W 0.6					
Power dissipation W 0.6					
Mechanical features M3 M3 Tightening torque for terminals max Nm 0.8	Power dissipation				
Terminals screw M3 Tightening torque for terminals max Nm 0.8					
Tightening torque for terminals max					M3
AWG - Rigid cable	Tightening torque for to	erminals max		Nm	0.8
AWG - Flexible cable					
AWG - Flexible cable		AWG - Rigid cable			
AWG - Flexible cable min		Ç	min	AWG	20
Max AWG 20 Max AWG 12 Max			Max	AWG	12
Max AWG 12 Conductor size (IEC) - Flexible cable		AWG - Flexible cable			
Conductor size (IEC) - Flexible cable			min	AWG	20
Max mm² 0.5 Max mm² 2.5			Max	AWG	12
Max mm² 2.5		Conductor size (IEC) - Flexible cable			
Conductor size (IEC) - Rigid cable			min	mm²	0.5
Max mm² 0.5 Max mm² 2.5			Max	mm²	2.5
Mechanical life cycles 1X10° UL technical data Motor power for direct-on-line control for three-phase motor 120V HP 1.5 240V HP 3 480V HP 5 600V HP 5 5 for single-phase motor 120V HP 0.75 240V HP 1.5 Ambient conditions Temperature Operating temperature min °C -25 max °C +55		Conductor size (IEC) - Rigid cable			
Mechanical life cycles 1X10 ⁶ UL technical data Motor power for direct-on-line control 120V HP 1.5 for three-phase motor 120V HP 3 480V HP 5 600V HP 5 for single-phase motor 120V HP 0.75 240V HP 1.5 Ambient conditions Temperature Operating temperature min °C -25 max °C +55			min	mm²	0.5
Motor power for direct-on-line control			Max	mm²	2.5
Motor power for direct-on-line control for three-phase motor 120V				cycles	1X10 ⁶
for three-phase motor 120V	UL technical data				
120V	Motor power for direct				
240V		for three-phase motor			
A80V HP 5 For single-phase motor 120V HP 0.75 240V HP 1.5					1.5
600V HP 5					
To single-phase motor					
120V			600V	HP	5
240V HP 1.5		for single-phase motor			
Ambient conditions Temperature Operating temperature min °C -25 max °C +55					
Temperature Operating temperature min °C -25 max °C +55			240V	HP	1.5
Operating temperature min °C -25 max °C +55					
min °C -25 max °C +55	Temperature				
max °C +55		Operating temperature			
-			min		
Storage temperature			max	°C	+55
		Storage temperature			





ENERGY AND AUTOMATION

	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP65
Terminals IP degree			IP20
ETIM classification			
ETIM 8.0			EC001029 - Selector switch, complete