



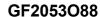
ENERGY AND AUTOMATION

Product designation				Rotary cam switches
Product type designation				GF20
General characteristics				50.01
Switching diagram			53 - Changeover switch 3 poles - 2 speed motor starting with separate windings	
N° of elements				3
Mounting form  Contact characteristics				O88 - Rear mounting with red/yellow handle padlockable in 0, door coupling and protection covers
Rated insulation voltage				
		IEC/EN UL/CSA	V V kV	480 240
Rated impulse withstand voltage Uimp  Conventional free air thermal current Ith			KV	4
Conventional nee all ti	ermai current itri	IEC/EN UL/CSA	A A	20 15
Rated operational voltage			V	480
Rated operational impulse voltage			kV	4
Maximum fuse size for Rated short time current	short-circuit protection In (gG)	10kA 15kA 25kA	A A A	20 20 20
Rated short time currer	It ICW	10	LεΛ	250
Conductivity		1s	kA	250
Conductivity	FC/FNI			10/5 mA/V
Operational current le				
	AC1/AC21A		Α	20
	AC15			20
	A013	110V	Α	10
		220/230V	Α	8
		380/400V	Α	6
Rated operational pow	er in AC			_
, ,	Three-phase AC-3			
		220/230V	kW	3
		380/440V	kW	5
	Single-phase AC-3			
		110V	kW	0.5
		220/230V	kW	1.5
		380/440V	kW	2
	Three-phase AC23A	000/000:	1344	4
		220/230V	kW	4
	0'	380/440V	kW	7.5
	Single-phase AC23A			



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		440\/	1.1.1.7	0.75
		110V	kW	0.75
		220/230V	kW	2
<del>D </del>	B0	380/440V	kW	2.5
Rated operational curre				
	DC21A		_	
		48V	Α	20
		60V	Α	20
		110V	Α	4
		220V	Α	0.7
		440V	Α	0.2
	DC13			
		24V	Α	6
		48V	Α	6
		60V	Α	3
		110V	Α	1
		220V	Α	0.4
		440V	Α	0.15
Power dissipation		1101	W	0.8
Mechanical features			VV	0.0
Terminals screw				M3
	amain ala many		Nima	
Tightening torque for te	erminais max		Nm	0.5
Conductor size	_			
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	12
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable			
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			
	Conductor Size (IEO) Trigid Sabio	min	mm²	0.5
		Max	mm²	2.5
Mechanical life		IVIAA		1x10 <sup>6</sup>
UL technical data			cycles	1810
	an line control			
Motor power for direct-				
	for three-phase motor			•
	-	240V	HP	3
	for single-phase motor			
		240V	HP	1
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
	J 1	min	°C	-40
		max	°C	+70
Resistance & Protection	nn	Пах		. 1 0
Frontal IP degree	<del></del>			IP40
Terminals IP degree				IP20
ETIM classification				





ETIM 8.0

EC001029 -Selector switch, complete