

GF2091U11 electric ROTARY CAM SWITCH GF SERIES, ON-OFF SWITCH 2 POLES 20A, FOR FRONT MOUNTING WITH BLACK HANDLE WITHOUT FRONT PLATE FOR HOLE Ø22MM FIXING



Product designation			Rotary cam
Ū į			switches
Product type designation			GF20
General characteristics			91 - ON/OFF
Switching diagram			switch 2 poles
N° of elements			1
			U11 - Front mounting with black handle
Mounting form			without front plate for hole diam. 22mm fixing
Contact characteristics			
Rated insulation voltage Ui			
5	IEC/EN	V	480
	UL/CSA	V	240
Rated impulse withstand voltage Uimp		kV	4
Conventional free air thermal current Ith			
	IEC/EN UL/CSA	A A	20 15
Rated operational voltage	01/03A	X	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	А	20
	15kA	А	20
	25kA	A	20
Rated short time current Icw			050
Conductivity	1s	A	250 10/5 mA/V
Conductivity Operational current le IEC/EN			10/5 mA/v
AC1/AC21A			
		А	20
AC15			
	110V	А	10
	220/230V	А	8
	380/400V	A	6
Rated operational power in AC			
Three-phase AC-3	220/230V	kW	3
	220/230V 380/440V	кvv kW	3 5
Single-phase AC-3	500/440 V	1X V V	0
	110V	kW	0.5
	220/230V	kW	1.5
Three-phase AC23A	380/440V	kW	2

Three-phase AC23A

GF2091U11



GF2091U11 electric ROTARY CAM SWITCH GF SERIES, ON-OFF SWITCH 2 POLES 20A, FOR FRONT MOUNTING WITH BLACK HANDLE WITHOUT FRONT PLATE FOR HOLE Ø22MM FIXING

		220/230V	kW	4
		380/440V	kW	7.5
	Single-phase AC23A			
		110V	kW	0.75
		220/230V	kW	2
		380/440V	kW	2.5
Detect an excition of our	mant in DC	360/440 V	K V V	2.0
Rated operational cur				
	DC21A			
		48V	A	20
		60V	А	20
		110V	А	4
		220V	А	0.7
		440V	А	0.2
	DC13			
	2010	24V	А	6
		48V		
			A	6
		60V	A	3
		110V	А	1
		220V	А	0.4
		440V	A	0.15
Power dissipation			W	0.8
Mechanical features				
Terminals screw				M3
Tightening torque for	terminals max		Nm	0.5
Conductor size				0.0
	AVA/C Divid apple			
	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	WidA		2.0
	CONTRACTOR SIZE (IEC) - RIGIN CADIE		mm ²	0.5
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	1x10 ⁶
UL technical data				
Motor power for direc	t-on-line control			
	for three-phase motor			
	-	240V	HP	3
	for single-phase motor			
		240V	HP	1
Ambient conditions		240 0		
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°Č	+70
				· •
Resistance & Protect	ion			
Resistance & Protect Frontal IP degree	ion			IP40

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding GF2091U11



GF2091U11

ENERGY AND AUTOMATION

electric ROTARY CAM SWITCH GF SERIES, ON-OFF SWITCH 2 POLES 20A, FOR FRONT MOUNTING WITH BLACK HANDLE WITHOUT FRONT PLATE FOR HOLE Ø22MM FIXING



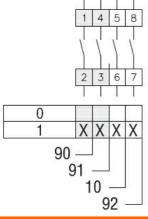
22,5

Cariaa	L			
Series	1	2	3	8
GF20	54.5	68	81.5	203

23

L

Wiring diagrams



5	92 —	
Certifications and co	mpliance	
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		
	cULus	
	EAC	
ETIM classification		
		EC001029 -

ETIM 8.0

Selector switch, complete

GF2091U11