

GF2020U ROTARY CAM SWITCH GF SERIES, DAHLANDER MOTOR 2-SPEED REVERSING SWITCH, 20A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

Product type designation GF20 General characteristics General characteristics General characteristics Switching diagram Product type designation General characteristics Rated inpulse withstand voltage Uimp KV 4 Conventional free air thermal current lth IEC/EN V 480 Rated operational voltage UL/CSA A 20 Rated operational voltage KV 4 Maximum fuse size for short-circuit protection ln (gG) 10kA A 20 15kA A 20 Rated short time current lev Conductivity Coperational current le IEC/EN A Conventional free AC-3 Conductivity Coperational power in AC Rated operational power in AC Friee-phase AC-3 Single-phase AC-3 Conductive C				Rotary cam		
General characteristics 20 - Dahlander motor 2-speed reversing switch 6 N° of elements 6 Mounting form 0 - Front mounting with black handle Contact characteristics 8 Rated insulation voltage Ui IEC/EN V Rated insulation voltage Uipp KV 4 Conventional free air thermal current Ith IEC/EN A 20 Rated operational voltage V 480 4 Conventional free air thermal current Ith IEC/EN A 20 Rated operational impulse voltage kV 4 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 20 Conductivity 15 kA 20 Conductivity 10/5 mAV 0 15kA 20 Conductivity 10/5 mAV 0 20/202/20/20/20/20/20/20/20/20/20/20/20/	Product designation					
Switching diagram 20 - Dahlander motor 2-speed reversing switch N° of elements 6 Mounting form U-Front mounting with black handle Contact characteristics U// CSA Rated insulation voltage UI IEC/EN V Ated insulation voltage UI IEC/EN V Rated insulation voltage UI IEC/EN V Rated insulation voltage UImp kV 4 Conventional free air thermal current Ith IEC/EN A 20 Rated operational voltage V 480 Rated operational voltage kV 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 20 15kA A 20 25kA A 20 Conductivity 10/5 mA/V 0 30/400V A 6 Rated operational power in AC Three-phase AC-3 20//230V KW 3 Single-phase AC-3 110V KW 0.5 20//230V KW 3 20/230V KW 3 380//40V	Product type designation			GF20		
Switching diagram motor 2-speed reversing switch N° of elements 6 Mounting form U - Front mounting with black handle Contact characteristics mounting with black handle Rated insulation voltage Ui IEC/EN V Rated insulation voltage Uimp KV 4 Conventional free air thermal current Ith IEC/EN A 20 Rated operational voltage V 480 480 Rated operational voltage operational impulse voltage KV 4 Conventional free air thermal current Ith IEC/EN A 20 Rated operational voltage voltage KV 4 4 Conductivity 10kA A 20 15KA A 20 15KA A 20 Rated operational impulse voltage KV 4 4 4 Operational current Icw 1s KA 20 15KA A 20 Rated operational power in AC 10/5 mAV 20 4 6 380/400V KW 5 </td <td>General characteristics</td> <td></td> <td></td> <td>20 Doblondor</td>	General characteristics			20 Doblondor		
N° of elements 6 Mounting form U - Front mounting with black handle Contact characteristics IEC/EN V 480 Rated inpulse withstand voltage Uimp KV 4 Conventional free air thermal current Ith IEC/EN A 20 Rated operational voltage V 480 480 Conventional free air thermal current Ith IEC/EN A 20 Rated operational impulse voltage V 480 480 Rated operational impulse voltage V 480 480 Rated operational impulse voltage KV 4 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 20 Rated short time current lcw 1s KA 250 Conductivity 10/5 mA/V 0 220/230V A 8 AC1/AC21A A 20 380/400V A 8 Actis 110V KW 0 220/230V KW 3 Single-phase AC-3 220/230V KW<	Switching diagram			motor 2-speed		
Mounting form mounting with black handle Contact characteristics IEC/EN V 480 Rated insulation voltage Ui IEC/EN V 480 Conventional free air thermal current Ith IEC/EN A 20 Rated operational inpulse voltage V 480 480 Rated short time current low 10KA A 20 Conductivity 1s kA 250 Conductivity 10/5 mA/V 40 20 AC1/AC21A A 20 40 AC15 110V A 10 220/230V A 8 380/440V KW Single-phase AC-3 220/230V	N° of elements			-		
Rated insulation voltage Ui IEC/EN V 480 UL/CSA V 240 Rated impulse withstand voltage Uimp KV 4 Conventional free air thermal current Ith IEC/EN A 20 UL/CSA A 15 Rated operational voltage V 480 Rated operational impulse voltage V 480 Rated operational impulse voltage V 480 Maximum fuse size for short-circuit protection In (gG) IS kA 20 IS kA 20 Rated short time current lcw IS kA 20 Conductivity 10/5 Conductivity 10/5 AC1/AC21A 20/230/V KW 380/400/V KW 380/400/V KW 380/400/V KW <th <="" colspan="2" td=""><td>Mounting form</td><td></td><td></td><td>mounting with</td></th>	<td>Mounting form</td> <td></td> <td></td> <td>mounting with</td>		Mounting form			mounting with
IEC/EN V 480 Rated impulse withstand voltage Uimp KV 4 Conventional free air thermal current Ith IEC/EN A 20 UL/CSA A 15 15 Rated operational voltage V 480 4 Rated operational voltage V 480 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 20 15KA A 20 15KA A 20 25kA A 20 15KA A 20 Rated short time current Icw 1s KA 250 10/5 mA/V Operational current Ic IEC/EN A 20 220/230V A 10 220/230V A 10 220/230V A 6 Rated operational power in AC Three-phase AC-3 110V S 380/400V A Single-phase AC-3 110V KW 2 380/400V KW 5 Single-phase AC-3 110V <t< td=""><td>Contact characteristics</td><td></td><td></td><td></td></t<>	Contact characteristics					
UL/CSA V 240 Rated inpulse withstand voltage Ump KV 4 Conventional free air thermal current lth IEC/EN A 20 Rated operational voltage KV 4 480 Rated operational impulse voltage KV 4 480 Rated operational impulse voltage KV 4 20 10kA A 20 25kA A 20 25kA A 20 25kA A 20 Conductivity 10kA A 20 20 Conductivity 10/5 mA/V 0 7 7 Qperational current lcw 10/5 mA/V 0 7 7 AC1/AC21A A 20 4 8 380/400V A 8 Rated operational power in AC Three-phase AC-3 10/V 8 380/440V 8 380/440V KW 3 Single-phase AC-3 10/V KW 1.5 380/440V KW 2 <t< td=""><td>Rated insulation voltage Ui</td><td></td><td></td><td></td></t<>	Rated insulation voltage Ui					
Rated impulse withstand voltage Uimp kV 4 Conventional free air thermal current lth IEC/EN A 20 Rated operational voltage V 480 Rated operational impulse voltage KV 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 20 15KA A 20 15kA A 20 Rated short time current lcw 1s kA 20 25kA A 20 Conductivity 1s kA 20 10kA A 20 Conductivity 1s kA 20 20/ts 20/ts 20/ts Conductivity 1s kA 20 20/ts 20/ts 20/ts AC15 110V A 10 220/230V A 8 380/40V A 6 20/ts 20/ts 20/ts Fated operational power in AC 1s 220/230V kW 3 380/440V kW 2 Single-phase AC-3 <td></td> <td></td> <td>V</td> <td></td>			V			
Conventional free air thermal current lth IEC/EN A 20 Rated operational voltage V 480 Rated operational impulse voltage KV 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 20 15kA A 20 15kA A 20 Rated short time current lcw 1s kA 20 Conductivity 1s kA 20 Querational current le IEC/EN 10/5 mA/V 10/5 mA/V Operational current le IEC/EN AC1/AC21A A 20 AC15 110V A 10 220/230V A 8 Rated operational power 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 4 380/440V kW 5 380/440V KW 2 380/440V KW 2 Three-phase AC23A 220/230V kW 4		UL/CSA				
IEC/EN A 20 Rated operational voltage V 480 Rated operational impulse voltage KV 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 20 15kA A 20 25kA A 20 Rated short time current Icw 1s kA 20 25kA A 20 Conductivity 1s kA 250 20 20/2			kV	4		
UL/CSA A 15 Rated operational voltage V 480 Rated operational impulse voltage kV 4 Maximum fuse size for short-circuit protection ln (gG) 10kA A 20 15kA A 20 15kA A 20 Rated short time current lcw 1s kA 20 Conductivity 1s kA 250 Conductivity 10/5 mA/V 00/5 mA/V Operational current leC/EN AC1/AC21A A 20 AC15 110/V A 10 220/230V A 8 380/400V A Rated operational power in AC Three-phase AC-3 10/V XW 3 Single-phase AC-3 110/V KW 3 380/40V kW 2 Three-phase AC-3 10/V KW 4 380/40V 4 380/40V 4 380/40V 4 380/40V 4 380/40V 4 380/40V 2 2 380/40V	Conventional free air thermal current Ith		-			
Rated operational voltage V 480 Rated operational impulse voltage kV 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 20 15kA A 20 25kA A 20 Rated short time current Icw 1s kA 250 20 Conductivity 1s kA 250 20 Querational current Ie IEC/EN 10/5 mA/V 0 220/230V A 8 AC15 110V A 10 220/230V A 8 Rated operational power in AC Three-phase AC-3 220/230V kW 3 Single-phase AC-3 110V kW 0.5 220/230V kW 3 Single-phase AC-3 110V kW 0.5 220/230V kW 4 380/440V kW 0.5 220/230V kW 4 380/440V kW 2 Three-phase AC23A 110V kW 0.75 220/230V kW 4						
Rated operational impulse voltage kV 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 20 15kA A 20 15kA A 20 Rated short time current lcw 1s kA 250 25kA A 20 Conductivity 1s kA 250 10/5 mA/V 0/5 mA/V Operational current le IEC/EN AC1/AC21A A 20 AC15 10/5 mA/V AC15 110V A 10 220/230V A 8 380/400V A 6 Rated operational power in AC Three-phase AC-3 220/230V kW 3 5 Single-phase AC-3 110V kW 0.5 220/230V kW 1.5 380/440V kW 2 380/440V kW 2 1 Three-phase AC23A 220/230V kW 4 380/440V kW 2 Three-phase AC23A 220/230V kW 4 380/440V kW	Deterior entities el contra se	UL/CSA				
Maximum fuse size for short-circuit protection ln (gG) 10kA A 20 15kA A 20 25kA A 20 Rated short time current lcw 1s kA 250 25kA A 20 Conductivity 1s kA 250 10/5 mA/V 0 0 Operational current le IEC/EN AC1/AC21A A 20 220/230V A 8 AC15 110V A 10 220/230V A 8 Rated operational power in AC Three-phase AC-3 220/230V kW 3 Single-phase AC-3 110V kW 0.5 220/230V kW 2 Three-phase AC-3 110V kW 0.5 220/230V kW 4 380/440V kW 2 Three-phase AC23A 20/230V kW 4 380/440V kW 2 Three-phase AC23A 20/230V kW 4 380/440V kW 2 Single-phase AC23A 110V						
10kA A 20 15kA A 20 Rated short time current lcw 1s kA 250 Conductivity 10/5 mA/V 10/5 mA/V Operational current le IEC/EN 4 20 AC1/AC21A A 20 AC15 110V A 10 220/230V A 8 380/400V A Rated operational power in AC 110V A 6 Rated operational power in AC 220/230V kW 3 Single-phase AC-3 220/230V kW 5 Single-phase AC-3 110V kW 0.5 220/230V kW 1.5 380/440V kW 2 Three-phase AC-3 110V kW 2 1 Three-phase AC-3 110V kW 2 1 Single-phase AC-3 110V kW 2 1 Single-phase AC23A 20/230V kW 4 380/440V 380/440V 2 <td< td=""><td></td><td></td><td>KV</td><td>4</td></td<>			KV	4		
15kA A 20 Rated short time current lcw 1s kA 250 Conductivity 1s kA 250 Operational current le IEC/EN 10/5 mA/V 10/5 mA/V AC1/AC21A A 20 AC15 110V A 10 220/230V A 8 380/400V A 6 Rated operational power in AC Three-phase AC-3 220/230V kW 3	Maximum ruse size for short-circuit protection in (gG)	1044	۸	20		
25kA A 20 Rated short time current low 1s kA 250 Conductivity 10/5 mA/V 10/5 mA/V Operational current le IEC/EN A 20 AC1/AC21A A 20 AC15 110V A 10 220/230V A 8 380/400V A 6 Rated operational power in AC Three-phase AC-3 220/230V kW 3 Single-phase AC-3 110V kW 0.5 220/230V kW 2 Three-phase AC-3 110V kW 0.5 220/230V kW 2 Single-phase AC-3 110V kW 2 15 380/440V kW 2 Three-phase AC23A 220/230V kW 4 380/440V kW 2 Three-phase AC23A 380/440V kW 2 380/440V kW 2 Single-phase AC23A 110V kW 2.5 380/440V 2 380/440V 2						
Rated short time current lcw 1s kA 250 Conductivity 10/5 mA/V Operational current le IEC/EN 10/5 mA/V AC1/AC21A A 20 AC15 100V A 10 AC15 110V A 10 220/230V A 8 Rated operational power in AC Three-phase AC-3 220/230V kW 3 Single-phase AC-3 110V kW 0.5 220/230V kW 1.5 380/40V kW 2 380/440V kW 2 380/440V kW 2 Three-phase AC-3 110V kW 0.5 220/230V kW 4 380/440V kW 2 380/440V kW 2 Three-phase AC23A 220/230V kW 4 380/440V kW 2 Single-phase AC23A 110V kW 0.75 220/230V kW 2 Single-phase AC23A 110V kW 2.5 380/440V kW 2.5						
1s kA 250 Conductivity 10/5 mA/V Operational current le IEC/EN A 20 AC1/AC21A A 20 AC15 110V A 10 Z20/230V A 8 380/400V A 6 Rated operational power in AC Three-phase AC-3 220/230V kW 3 Single-phase AC-3 110V KW 0.5 220/230V kW 1.5 380/440V KW 2 380/440V kW 2 1.5 Single-phase AC-3 110V kW 1.5 380/440V kW 2 Three-phase AC23A 220/230V kW 4 380/440V kW 2 Three-phase AC23A 220/230V kW 4 380/440V kW 2 Three-phase AC23A 110V kW 0.75 380/440V kW 2 Single-phase AC23A 110V kW 2.5 380/440V 2.5 Rated opera	Rated short time current Icw	2010 1				
Conductivity 10/5 mA/V Operational current le IEC/EN AC1/AC21A A 20 AC15 110V A 10 220/230V A 8 380/400V A 6 Rated operational power in AC Three-phase AC-3 220/230V kW 3 Single-phase AC-3 110V kW 0.5 220/230V kW 1.5 380/440V kW 2 Three-phase AC23A 110V kW 0.5 220/230V kW 4 380/440V kW 2 380/440V kW 2 Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 2 Three-phase AC23A 110V kW 2.5 380/440V kW 2.5 Rated operational current in DC DC21A 2.5 380/440V kW 2.5		1s	kA	250		
Operational current le IEC/EN AC1/AC21A A 20 AC15 110V A 10 220/230V A 8 380/400V A 6 Rated operational power in AC Three-phase AC-3 220/230V kW 3 Single-phase AC-3 110V kW 0.5 220/230V kW 1.5 380/440V kW 2 Three-phase AC-3 110V kW 0.5 220/230V kW 4 380/440V kW 2 7 7.5 5 Single-phase AC23A 220/230V kW 4 380/440V kW 2.5 Rated operational current in DC 220/230V kW 2.5 5	Conductivity					
A 20 AC15 110V A 10 220/230V A 8 380/400V A 6 Rated operational power in AC Three-phase AC-3 220/230V kW 3 380/400V KW 3 380/440V kW 5 Single-phase AC-3 110V kW 0.5 220/230V kW 1.5 380/440V kW 2 110V kW 0.5 220/230V kW 4 380/440V kW 2 110V kW 0.5 220/230V kW 4 380/440V kW 2 Three-phase AC23A 220/230V kW 4 380/440V kW 2 Three-phase AC23A 110V kW 0.75 220/230V kW 2 Single-phase AC23A 110V kW 0.75 220/230V kW 2 Single-phase AC23A 110V kW 2.5 380/440V KW 2.5 Ra	Operational current le IEC/EN					
AC15 110V A 10 220/230V A 8 380/400V A 6 Rated operational power 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 AC-3 110V kW 0.5 220/230V kW 4 380/440V kW 2 2 7 5 3 Single-phase AC23A 220/230V kW 4 380/440V 4 3 Single-phase AC23A 110V kW 0.75 220/230V kW 2 Single-phase AC23A 110V kW 2.5 3 3 3 Rated operational current in DC DC21A 2 3 3 4 4 3	AC1/AC21A					
110V A 10 220/230V A 8 380/400V A 6 Rated operational power 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 110V kW 4 380/440V kW 4 380/440V kW 7.5 380/440V kW 2 Three-phase AC23A 110V kW 4 380/440V kW 2 Single-phase AC23A 110V kW 2 380/440V kW 2			А	20		
220/230V A 8 380/400V A 6 Rated operational power in AC Three-phase AC-3 220/230V kW 3 380/440V kW 3 Single-phase AC-3 110V kW 0.5 220/230V kW 1.5 380/440V kW 2 Three-phase AC23A Three-phase AC23A 20/230V kW 4 380/440V kW 2 Three-phase AC23A 20/230V kW 4 380/440V kW 2 Three-phase AC23A 20/230V kW 4 380/440V kW 2 Single-phase AC23A 110V kW 0.75 20/230V kW 2 380/440V kW 2.5 Rated operational c	AC15					
380/400V A 6 Rated operational power in AC Three-phase AC-3 220/230V kW 3						
Three-phase AC-3 220/230V kW 3 Single-phase AC-3 110V kW 0.5 Single-phase AC-3 110V kW 0.5 220/230V kW 1.5 380/440V kW 2 Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 2 Single-phase AC23A 110V kW 0.75 380/440V kW 2 380/440V kW 2 380/440V kW 2.5 Rated operational current in DC DC21A						
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 220/230V kW 4 380/440V kW 2 Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 2 Single-phase AC23A 110V kW 2.5 380/440V kW 2 Rated operational current in DC DC21A JC21A		380/400V	A	6		
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 220/230V kW 4 380/440V kW 7.5 Single-phase AC23A 110V kW 7.5 380/440V kW 2 Three-phase AC23A 110V kW 2 380/440V kW 2 Single-phase AC23A 110V kW 0.75 220/230V kW 2 Single-phase AC23A 110V kW 0.75 220/230V kW 2 Single-phase AC23A 110V kW 2 380/440V kW 2 Rated operational current in DC DC21A 2.5 380/440V kW 2.5						
380/440V kW 5 Single-phase AC-3 110V kW 0.5 220/230V kW 1.5 380/440V kW 2 Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 2 380/440V kW 2.5 380/440V kW 2.5	Three-phase AC-3	000/000)/	1.3.47	0		
Single-phase AC-3 110V kW 0.5 220/230V kW 1.5 380/440V kW 2 Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 2 According 110V kW 0.75 220/230V kW 2 Single-phase AC23A 110V kW 0.75 220/230V kW 2 Rated operational current in DC DC21A DC21A 20/21A 20/210V 100V 100V						
110V kW 0.5 220/230V kW 1.5 380/440V kW 2 Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 2 2 Single-phase AC23A 110V kW 0.75 220/230V kW 2 380/440V kW 2 Rated operational current in DC DC21A U U U U	Single phase AC 2	360/440V	KVV	5		
220/230V kW 1.5 380/440V kW 2 Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 2 2 Access AC23A 110V kW 0.75 Single-phase AC23A 110V kW 2 Access AC23A 110V kW 2 Single-phase AC23A 220/230V kW 2 Access AC23A 2 380/440V kW 2	Single-phase AC-3	110\/	k\//	0.5		
380/440V kW 2 Three-phase AC23A 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 Rated operational current in DC DC21A DC21A U <td< td=""><td></td><td></td><td></td><td></td></td<>						
Three-phase AC23A 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 Rated operational current in DC DC21A DC21A						
220/230V kW 4 380/440V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 2 380/440V kW 2 Rated operational current in DC DC21A DC21A Image: Content in DC Image: C	Three-phase AC23A					
380/440V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 2 380/440V kW 2.5		220/230V	kW	4		
110V kW 0.75 220/230V kW 2 380/440V kW 2.5 Rated operational current in DC DC21A DC21A						
110V kW 0.75 220/230V kW 2 380/440V kW 2.5 Rated operational current in DC DC21A DC21A	Single-phase AC23A					
380/440V kW 2.5 Rated operational current in DC DC21A		110V	kW	0.75		
Rated operational current in DC DC21A			kW			
DC21A		380/440V	kW	2.5		
	Rated operational current in DC					
48V A 20	DC21A					
		48V	A	20		

GF2020U

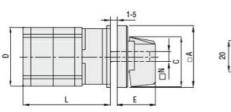


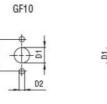
GF2020U ROTARY CAM SWITCH GF SERIES, DAHLANDER MOTOR 2-SPEED REVERSING SWITCH, 20A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

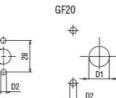
		60V	А	20
		110V	А	4
		220V	А	0.7
		440V	А	0.2
	DC13			•
		24V	А	6
		48V	A	6
		60V	A	3
		110V	A	1
		220V	A	0.4
		440V	A	0.15
Power dissipation		1101	W	0.8
Mechanical features				0.0
Terminals screw				M3
Tightening torque for t	erminals may		Nm	0.5
Conductor size			INIT	0.0
Conductor size				
	AWG - Rigid 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			
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	1x10 ⁶
UL technical data				
Motor power for direct	-on-line control			
	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	Παλ	<u> </u>	
		min	°C	-40
		max	°C	-40 +70
Resistance & Protecti	on	IIIdX	U	τιυ
Frontal IP degree				IP40
Terminals IP degree				IP20
Dimensions				



GF2020U ROTARY CAM SWITCH GF SERIES, DAHLANDER MOTOR 2-SPEED REVERSING SWITCH, 20A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM



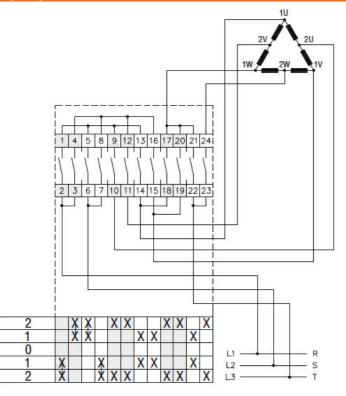




Drillings for 4 screws fixing (4V version).

Dimensions					L Number of elements															
Series	□A	С	D	ØD1	ØD2	Ε	□K	Ν	1	2	3	4	5	6	7	8	9	10	11	12
GF10	30	24	29	9	3.2	18.5	-	Ø5	40	52	64	76	88	100	112	124	-	-	-	-
GF20	48	39.5	36	12	5	26.5	36	□6	44	57.5	71	84.5	98	111.5	125	138.5	152	165.5	179	192.5

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		
	cULus	
	EAC	
ETIM classification		
		EC001029 -
ETIM 8.0		Selector switch, complete