

Product designation	Rotary cam switches	
Product type designation	GX32	
<b>General characteristics</b>		
Switching diagram	20 - Dahlander motor 2-speed reversing switch	
N° of elements	6	
Mounting form	U25 - Front mounting with red/yellow handle padlockable in 0 and protection covers	
<b>Contact characteristics</b>		
Rated insulation voltage $U_i$	IEC/EN V 690 UL/CSA V 600	
Rated impulse withstand voltage $U_{imp}$	kV 6	
Conventional free air thermal current $I_{th}$	IEC/EN A 32 UL/CSA A 32	
Rated operational voltage	V 440	
Rated operational impulse voltage	kV 4	
Maximum fuse size for short-circuit protection $I_n$ (gG)	10kA A 35 15kA A 35 25kA A 35	
Rated short time current $I_{cw}$	1s kA 1000	
Conductivity	10/5 mA/V	
Operational current $I_e$ IEC/EN		
AC1/AC21A	A 32	
AC15	110V A 25 220/230V A 20 380/400V A 10 660/690V A 2	
Rated operational power in AC		
Three-phase AC-3	220/230V kW 7.5 380/440V kW 11 500/690V kW 11	
Single-phase AC-3	110V kW 1.8 220/230V kW 3.5 380/440V kW 5.5	
Three-phase AC23A	220/230V kW 8 380/440V kW 15 500/690V kW 15	
Single-phase AC23A	110V kW 2.2	

ROTARY CAM SWITCH GX SERIES, DAHLANDER MOTOR 2-SPEED REVERSING SWITCH,  
32A, FOR FRONT MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0 AND  
PROTECTION COVERS, FRONT PLATE 65X65MM

	220/230V	kW	3.5
	380/440V	kW	6
Rated operational current in DC			
DC21A			
	48V	A	32
	60V	A	32
	110V	A	5
	220V	A	0.8
	440V	A	0.25
DC23A (poles in series)			
	24V	A	32 (1)
	48V	A	32 (2)
	60V	A	32 (3)
	110V	A	15 (3)
	220V	A	12 (4)
DC13			
	24V	A	32
	48V	A	25
	60V	A	14
	110V	A	3
	220V	A	0.5
	440V	A	0.15
Power dissipation		W	1.6
Mechanical features			
Terminals screw		M4	
Tightening torque for terminals max		Nm	1.2
Conductor size			
AWG - Rigid cable			
	min	AWG	16
	Max	AWG	8
AWG - Flexible cable			
	min	AWG	16
	Max	AWG	10
Conductor size (IEC) - Flexible cable			
	min	mm <sup>2</sup>	1.5
	Max	mm <sup>2</sup>	6
Conductor size (IEC) - Rigid cable			
	min	mm <sup>2</sup>	1.5
	Max	mm <sup>2</sup>	10
Mechanical life		cycles	1X10 <sup>6</sup>
UL technical data			
Motor power for direct-on-line control			
for three-phase motor			
	120V	HP	3
	240V	HP	7.5
	480V	HP	15
	600V	HP	15
for single-phase motor			
	120V	HP	1.5
	240V	HP	3
Ambient conditions			
Temperature			
Operating temperature			
	min	°C	-25

	max	°C	+55
Storage temperature			
	min	°C	-40
	max	°C	+70

**Resistance & Protection**

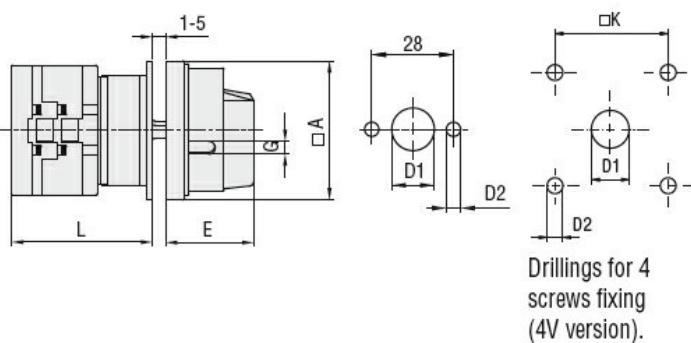
Frontal IP degree

IP65

Terminals IP degree

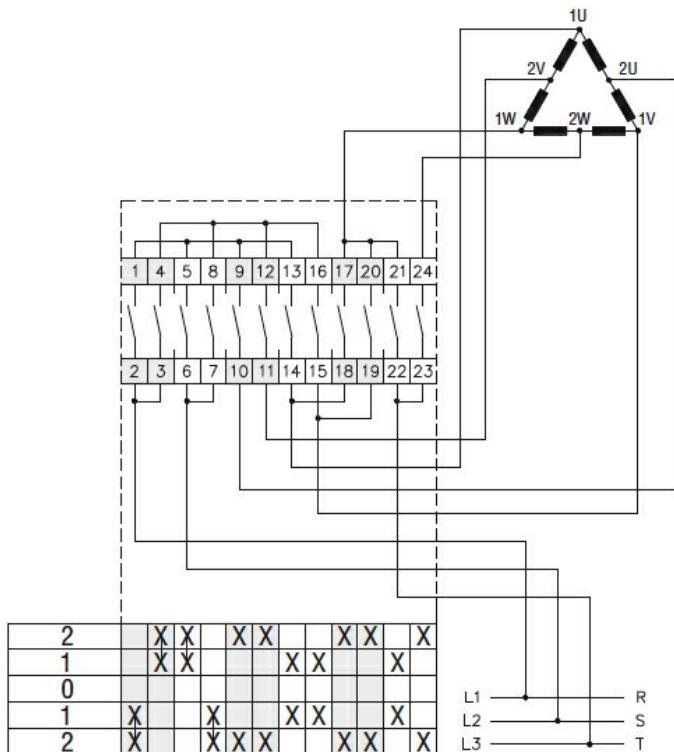
IP20

**Dimensions**



Series	Dimensions						L			
	□A	D1	D2	E	G	□K	1	2	3.....12	
<b>GX16</b>	48	12	5	34.2	5	36	43	51.5	60	136.5
<b>GX20</b>	48	12	5	34.2	5	36	43	51.5	60	136.5
<b>GX32</b>	65	14	5	38	6	48	51	63	75	183
<b>GX40</b>	65	14	5	38	6	48	51	63	75	183

**Wiring diagrams**



**Certifications and compliance**

**Compliance**

CSA C22.2 n° 14

ROTARY CAM SWITCH GX SERIES, DAHLANDER MOTOR 2-SPEED REVERSING SWITCH,  
32A, FOR FRONT MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0 AND  
PROTECTION COVERS, FRONT PLATE 65X65MM

---

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**

---

cULus

---

EAC

---

**ETIM classification**

ETIM 8.0

EC001029 -  
Selector switch,  
complete