



Electrical data

Current consumption per LED	4 mA
Galvanic isolation	+24 V and 0 V for left side (Slots 1, 3) and right side (Slots 2, 4) by means of cable bridge
Isolation resistance	≥ 10 GOhm
Operating voltage Ub	18...30 VDC
Output current max.	4 A
Protection class	III (EN 60664-1)
Rated operating voltage Ue DC	24 V
Total current max.	8 A (for 1x feed) 16 A (for 2x feed)
Withstand voltage	800 V

Power indicator	LED green (2x)
Switching function display	Yellow LED (4x)

Connection slots	4x M12x1-Female, 4-pin
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Material

Housing material	PBT
Material contact carrier	PA 6.6
Material contacts	Brass

Mechanical data

Casting	yes
Connection cross-section	0.08...1.5 mm ²
Mounting part	M4 (3x)
Tightening torque	1.2 Nm ±0.2 (M4)
Tightening torque pigtail	0.6 Nm + 0.1 Nm (M12 connector)

Anschlusstabelle / terminal diagram

Klemme Nr. Terminals No.	M12 Buchse / M12 Socket Steckplatz/Kontakt / Slot/contact	Kontaktbelegung / Contact assignment
1	1 / 4	Buchse / Socket M12 (-) 3 4 (NO/1.Signal) 5 (PE) (NC/2.Signal) 2 1 (+)
2	2 / 4	
3	3 / 4	
4	4 / 4	
+1	1, 3 / 1 (+)	Klemmen / terminals BR1 BR2
+2	2, 4 / 1 (+)	
-1	1, 3 / 3 (-)	
-2	2, 4 / 3 (-)	
PE	1-4 / 5 (PE)	

Wiring Diagrams

