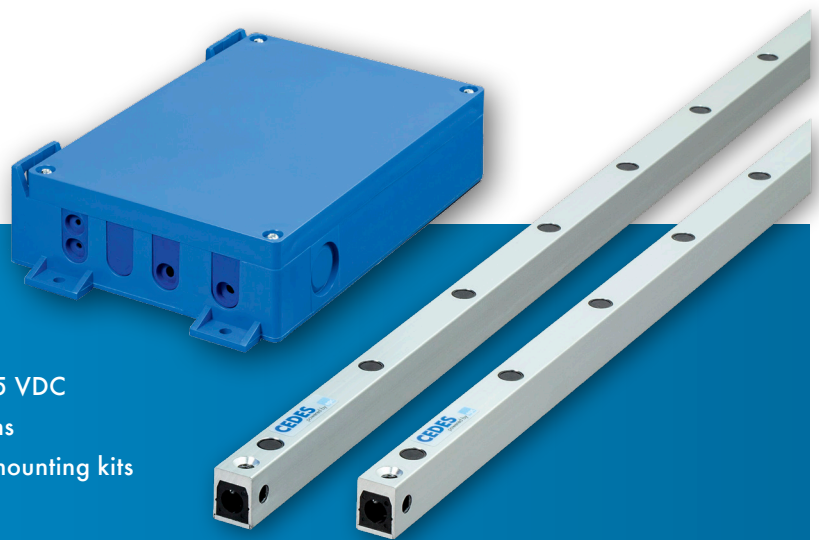


cegard/Mini-MOD Technical data

cegard/Mini-	MOD SY-2000-16	MOD SY-1900-24	MOD SY-2000-32
Optical			
Number of elements	16	24	32
Max. number of beams	74	114	154
Operating range	0 ... 5 m	0 ... 5 m	0 ... 5 m
Lowest beam	22 mm	20 mm	20 mm
Uppermost beam	1,822 mm	1,630 mm	1,800 mm
Pitch	120 mm	70 mm	57.4 mm
Max. ambient light	100,000 Lux	100,000 Lux	100,000 Lux
Edge color	Natural anodized aluminum	Black anodized aluminum	Black anodized aluminum
Mechanical			
Profile length	2,000 mm	1,900 mm	2,000 mm
Cable length	5 m	5 m	5 m
Control unit enclosure rating	IP54	IP54	IP54
Opto edge enclosure rating	IP65 / (IP67)	IP65 / (IP67)	IP65 / (IP67)
Temperature range	-20 °C ... +60 °C	-20 °C ... +60 °C	-20 °C ... +60 °C
Electrical			
Supply voltage	20 ... 265 VAC / 20 ... 375 VDC	20 ... 265 VAC / 20 ... 375 VDC	20 ... 265 VAC / 20 ... 375 VDC
Max. current consumption	80 mA at 24 VDC 45 mA at 240 VAC	80 mA at 24 VDC 45 mA at 240 VAC	80 mA at 24 VDC 45 mA at 240 VAC
Relay output	Max. 250 VAC / 5 A Max. 125 VDC / 0.5 A Max. 30 VDC / 5 A Min. 5 VDC / 10 mA	Max. 250 VAC / 5 A Max. 125 VDC / 0.5 A Max. 30 VDC / 5 A Min. 5 VDC / 10 mA	Max. 250 VAC / 5 A Max. 125 VDC / 0.5 A Max. 30 VDC / 5 A Min. 5 VDC / 10 mA
Typ. response time	80 ms	105 ms	130 ms
General			
EMC emission	EN 12015:2014	EN 12015:2014	EN 12015:2014
EMC immunity	EN 12016:2013	EN 12016:2013	EN 12016:2013
Vibration	IEC 60068-2-6:2007	IEC 60068-2-6:2007	IEC 60068-2-6:2007
Shock	IEC 60068-2-27:2008	IEC 60068-2-27:2008	IEC 60068-2-27:2008
RoHS	2011/65/EU	2011/65/EU	2011/65/EU
Certificates	CE, CSA	CE, CSA	CE, CSA



CEDES AG is certified according to ISO 9001: 2008

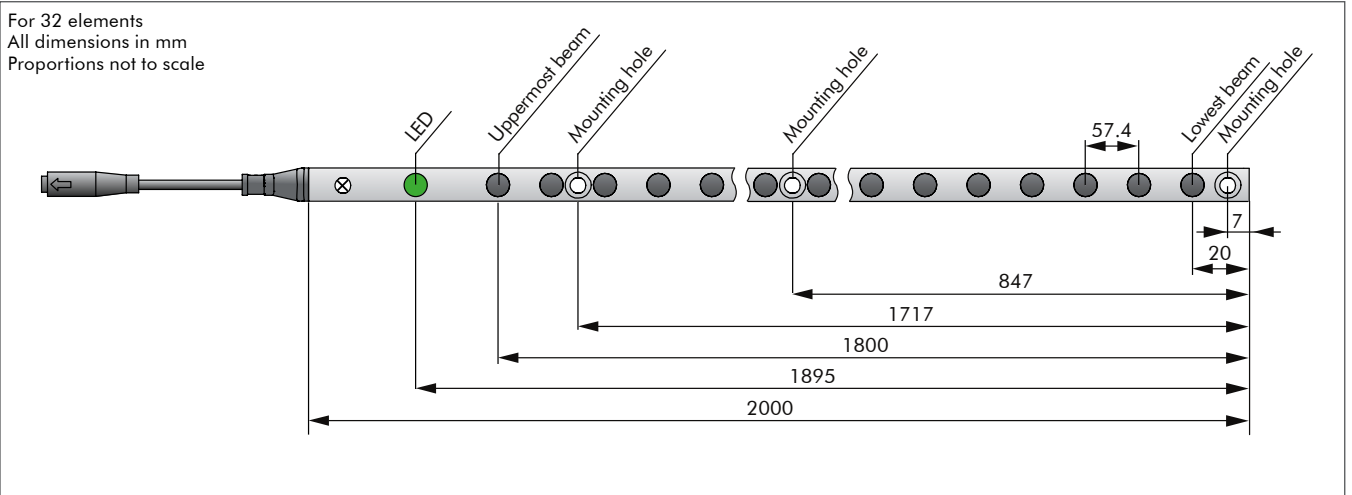


Features

- Can be installed anywhere thanks to its range and universal voltage of 20 ... 265 VAC or 20 ... 375 VDC
- Relay output for easy integration into existing systems
- Ideal for retrofitting using different optimized door mounting kits
- Status LED integrated into edge
- IP67 edges version available
- Edge can be front or side mounted; mounting holes are compatible with cegard/Mini, MiniMax and cegard/Max

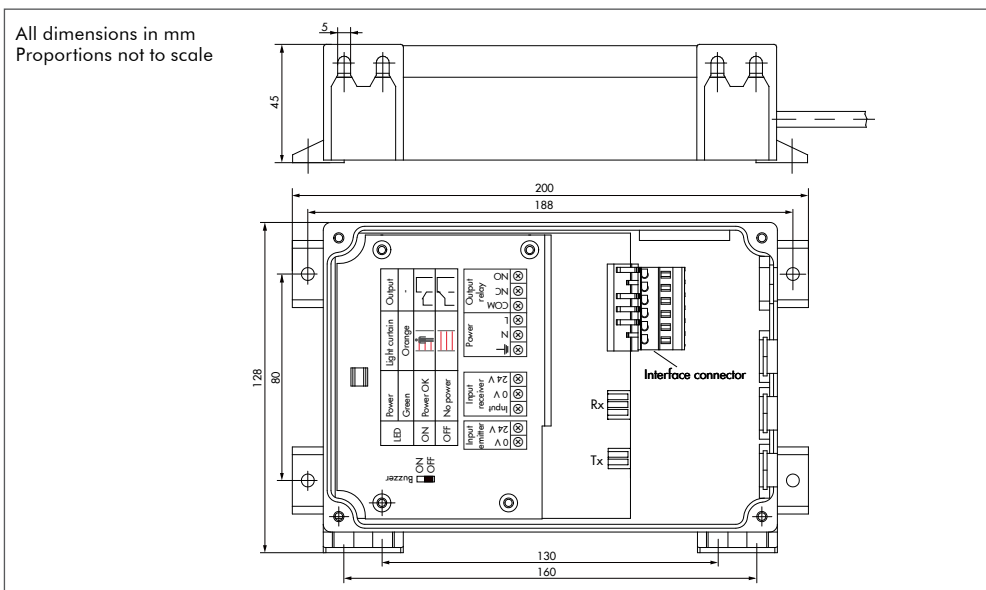
Dimensions edges

For 32 elements
All dimensions in mm
Proportions not to scale

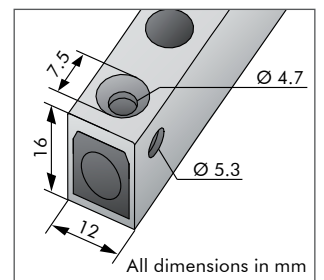


Dimensions control unit

All dimensions in mm
Proportions not to scale



Detailed view



Application examples

