

Individual Safety Light Barrier Control Unit

Protection Mode IP20

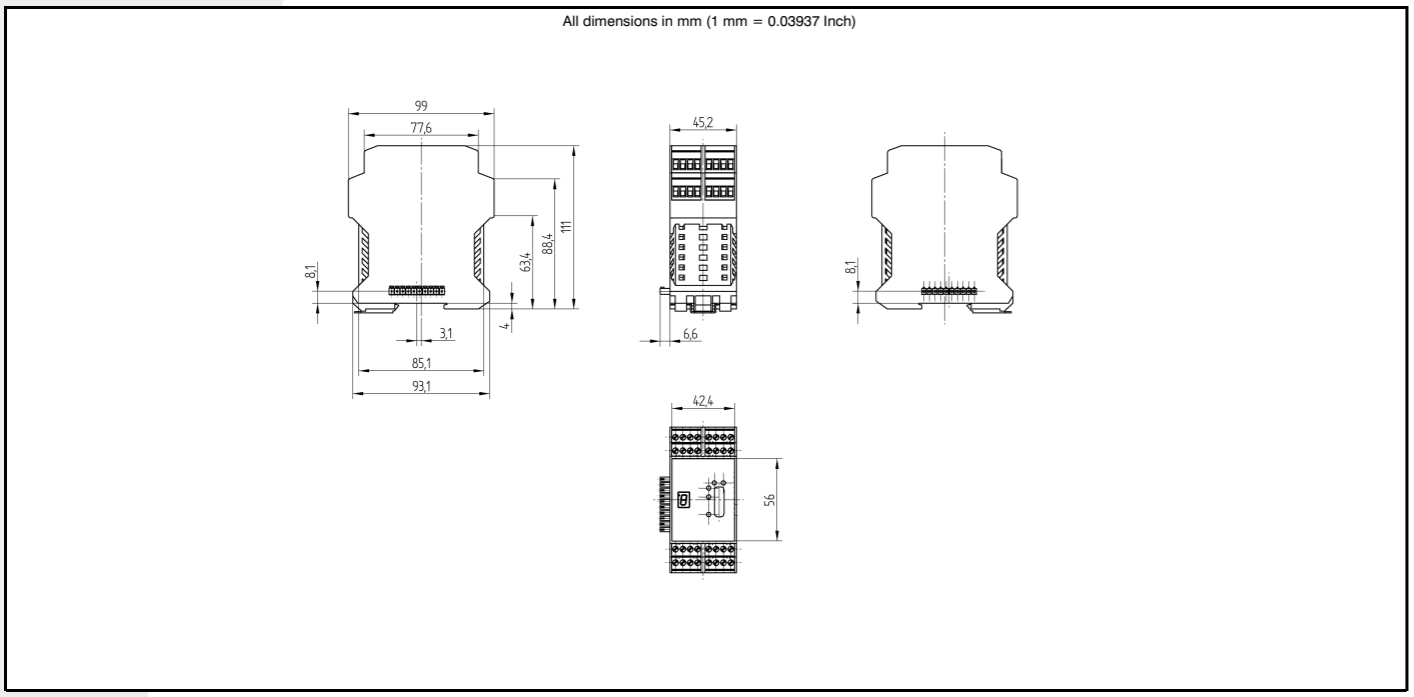


Technical Data

| Electrical Data | |
|---|----------------|
| Supply Voltage | 24 V DC |
| Current Consumption (U _b = 24V) | < 200 mA |
| Response Time (0 mA Load) | 12 ms |
| Response Time (300 mA Load) | 10 ms |
| Temperature Range | -10...50 °C |
| Safety Outputs | |
| Safety Outputs | 2 |
| Safety Output Voltage Drop | < 2.5 V |
| PNP Safety Output/Switching Current | 300 mA |
| Residual Current Safety Output | < 50 μA |
| Short Circuit Protection | yes |
| Reverse Polarity Protection | yes |
| Overload Protection | yes |
| NPN Muting Indicator Output/Switching Current | 5 mA |
| Protection Class | III |
| Mechanical Data | |
| Shock Resistance | 10 / 16 ms |
| Vibration Resistance (10...55 Hz) | 5 g |
| Safety Category (EN 954-1) | 2 |
| Housing | Plastic PA |
| Protection Mode | IP 20 |
| Connection | Terminal Block |
| Function | |
| Restart Inhibit | yes |
| Contact Monitoring | yes |
| Cascading | yes |
| Muting Mode | yes |

- Cascading by means of series connection
- Muting
- Simple connection with clamp-type plugs

The individual safety light barrier control unit is used to monitor up to 3 through-beam sensors. Interruption of any single beam results in deactivation of the safety output. SL2-00xE000H1 and SL2-00xS000H1 through-beam sensors are suitable for use with the control unit.

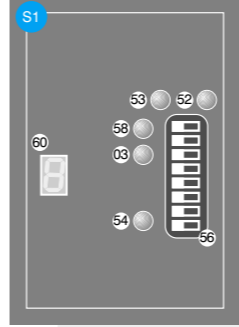


Specifications are subject to change without notice
38/02



| | |
|----------------------|---------------|
| Part Number | SS2-00VA000H1 |
| | SS1 |
| Connection Table Nr. | 20 |
| Control Panel No. | S1 |

Ctrl.Panel



- 03 = Error Indicator
- 52 = OSSD ON
- 53 = OSSD OFF
- 54 = Muting
- 56 = Dip-Switch
- 58 = Sbi
- 60 = Display

Accessories

- Muting Indicator SM0-00CA000C1
- Muting Sensor SN2003, EN200PA3