# DATASHEET - SL7-FMS-ASI-V20E

**Base module, AS interface specification V2.0 max. 4 modules, External PELV voltage source (24 VDC, max. 900 mA) with screw terminal**

Powering Business Worldwide

**Part no.** **SL7-FMS-ASI-V20E**
**197319**

| | |
|---|---|
| Product name | Eaton Moeller® series SL7 Base module |
| Part no. | SL7-FMS-ASI-V20E |
| EAN | 4015080894438 |
| Product Length/Depth | 73 millimetre |
| Product height | 175 millimetre |
| Product width | 73 millimetre |
| Product weight | 0.304 kilogram |
| Certifications | UL report applies to both US and Canada<br>CSA Class No.: NKCR7<br>CE<br>UL 508<br>UL File No.: E29184<br>UL<br>Certified by UL for use in Canada<br>CSA-C22.2 No. 13-10<br>IEC/EN 60529<br>UL Category Control No.: NKCR<br>IEC/EN 60947-5-1 |
| Product Tradename | SL7 |
| Product Type | Base module |
| Product Sub Type | None |
| Catalog Notes | Order stacking modules separately<br>Power supply via external PELV voltage source (24 V DC)<br>Power supply via external PELV voltage source (24 V DC, 900 mA) with screw terminal |
| | |
| Color | Other |
| Fitted with: | Printed circuit board with 4 outputs<br>Status-LED |
| Functions | Flash light<br>Strobe light<br>Acoustic indication<br>Continuous light |
| Number of modules | Max. 4<br>Max. 5 |
| | |
| Addressing | Address set via connection to AS-Interface cable |
| Connection to SmartWire-DT | No |
| Current consumption | 900 mA, external PELV voltage source (24 V DC) |
| Degree of protection | IP66<br>NEMA 13<br>NEMA 4<br>NEMA 4X |
| Mounting Method | Bracket<br>Floor<br>Horizontal |
| Mounting position | As required |
| Overvoltage category | III |
| Pollution degree | 3 |
| Product Category | SL signal towers |
| Protocol | AS-Interface (S-8.F.F) |
| Rated impulse withstand voltage (Uimp) | 4000 V AC |
| Shock resistance | Mechanical, According to IEC/EN 60068-2-27<br>15 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms |
| Suitable for | AS interface |
| Tube length | 100 mm |
| Type | AS-Interface module |

| | |
|---|---|
| Ambient operating temperature - min | -30 °C |
| Ambient operating temperature - max | 60 °C |
| Climatic proofing | Damp heat, constant, to IEC 60068-2-78<br>Damp heat, cyclic, to IEC 60068-2-30 |
| | |
| Terminal capacity (AWG) | 22 - 14 |
| Terminal capacity (solid/flexible) | 0.5 - 2.5 $mm^2$ |
| Stripping length (main cable) | 6 mm |
| Screwdriver size | 3.5 x 0.5 mm, Terminal screw |
| Tightening torque | 0.7 Nm, Screw terminals |
| | |
| Power consumption | ≤ 20 mA (AS-Interface) |
| Rated insulation voltage (Ui) | 250 V |

## Technical data ETIM 8.0

| Low-voltage industrial components (EG000017) / Connection module for signal tower (EC001152) | |
|---|---|
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Signal column element, connection module (ecl@ss10.0.1-27-37-12-32 [AKF050014]) | |
| Connection type auxiliary circuit | Screw connection |
| Suitable for tube mounting | No |
| Suitable for bracket mounting | Yes |
| Suitable for floor mounting | Yes |
| Colour | Other |
| Suitable for AS interface | Yes |


© 04/2023 by Eaton Industries GmbH