SPECIALIZED SECURITY PRODUCTS

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BEA-4SAFE-1LON-350MM



BEA ON DOOR SAFETY SENSOR MONITORED 350MM

FEATURES

- High user safety thanks to a detection area of 40cm in front of the leaf at 2m high with 4 groups of 2 active infrared spots.
- Easy mounting with daisy-chain up to 6 modules, to cover the whole door width.
- Easy wiring for swing doors thanks to the special design of the 4SAFE : every module has two selectable outputs for safety at opening or closing, with just one cable.
- Adaptation to all floor types, even the most contrasted one (stainless steel plate, grids, water puddles, snow-covered ground…).
- Easier logistics: each module recognises its status automatically and selects it in the daisy-chain.

TECHNICAL INFORMATION

- TECHNOLOGY: Active infrared with background suppression
- REACTION TIME: 64 ms (typ)
- MAX. PRESENCE TIME: infinite
- SUPPLY VOLTAGE: 12V – 24Vac +/-10% ; 12V – 30Vdc -5%/+10% (to be operated from SELV compatible power supplies only)
- MAX CURRENT CONSUMPTION: 95 mA @ 24 Vac/ 70 mA @ 24 V DC; 170 mA @ 12 Vac/ 130 mA @ 12 V DC (MASTER)
- 85 mA @ 24 Vac/ 60 mA @ 24 Vdc; 180 mA @ 12 Vac/ 113 mA @ 12 Vdc (other modules)
- MAX. NUMBER OF MODULES: 4 (up to 6 if 24 Vdc)
- REFLECTIVITY: min. 5% at IR-wavelength of 850 nm
- DEGREE OF PROTECTION: IP53
- TEMPERATURE RANGE: -25 °C to +55 °C; 0-95% relative humidity, non condensing
- EXPECTED LIFETIME: 20 years
- NORM CONFORMITY: EMC 2004/108/EC; MD 2006/42/EC; ROHS 2 2011/65/EU
- DIN 18650-1:2010 ch. 5.7.4; BS 7036-2:1996*; EN 16005:2012 ch. 4.6.8;
- EN 12978:2003 + A1:2009; EN 61508:2010; IEC 61496-2:2006; BGR 232;
- EN ISO 13849-1:2008 Performance Level «c» CAT. 2 (under the condition that the door control system monitors the sensor at least once per door cycle)