

Signal lamp - CSD-SL 300 BU - 2402723

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LED signal lamp, 24 V DC, blue, communication

Product Description


The signal lights for maritime use can be used for the reliable and energy-efficient operation of light-signal systems, such as locks. Only components that conform to the industry standard are used for the monitoring functions. The LED signal light 300 is available in various light colors according to major standards (e.g., IALA recommendation E200-1 and CIE 1931). It is compatible with controllers from Phoenix Contact and can be programmed according to the application. The fieldbus communication provides the user with a large amount of diagnostic and status information.

Your advantages

- ✓ Developed according to EN 12966-1, IALA recommendation E200-1, and CIE 1931
- ✓ Failsafe function
- ✓ 400 m connection to the control unit via fieldbus
- ✓ Diagnostic capability
- ✓ High light and color intensity
- ✓ Application-specific programming supported
- ✓ Particularly economical thanks to energy-efficient LED technology and an LED service life of at least 50 000 h
- ✓ Emission angle: 8° x 30°
- ✓ Durable and energy-saving LED technology
- ✓ Fieldbus communication



Key Commercial Data

Packing unit	1
GTIN	 4 055626 127477
GTIN	4055626127477
Custom tariff number	85308000

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Technical data

Dimensions

Width	272 mm
Height	291 mm
Depth	68 mm
Length	272 mm

Ambient conditions

Ambient temperature (operation)	-25 °C ... 55 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Air pressure (operation)	70 hPa ... 106 kPa (up to 3000 m above sea level)
Air pressure (storage/transport)	70 hPa ... 106 kPa (up to 3000 m above sea level)
Degree of protection	IP65/IP67, when installed

General

Assembly instructions	Use of stainless steel fittings (corrosion-resistant)
Net weight	3860 g
Diagnostics messages	LEDs; temperature, current, voltage, etc. Yes
	Mains failure, communication failure Failsafe
Design	Operating hours counter
Inrush current	max. 36 A (µ-sec-pulse)

Power supply for module electronics

Connection method	M17 hybrid connectors with SPEEDCON locking system
Number of positions	8
Supply voltage	24 V DC (DC)
Current consumption	max. 2.43 A (blue LEDs)
Power consumption	max. 70 W (blue LEDs)

Light properties

Source of light type	LED
Number of LEDs	30 (according to IALA recommendation E200-1 and CIE 1931)
Service life, lighting appliance	50000 h
Light color	IALA blue, optimum
Color temperature / wavelength	467 nm
Color class	C3 (EN 12966)
Luminance	L3 (EN 12966)
Luminance ratio	R3 (EN 12966)
Phantom light class	5 (EN 12368)
Luminous intensity	6405 Cd
Can be dimmed	Yes, in 256 steps

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Light properties

Emission angle	8° x 30°
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Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Classifications

eCl@ss

eCl@ss 10.0.1	27144051
eCl@ss 11.0	27110201
eCl@ss 5.0	27144000
eCl@ss 5.1	27144000
eCl@ss 6.0	27144000
eCl@ss 7.0	27144051
eCl@ss 9.0	27144051

ETIM

ETIM 4.0	EC001959
ETIM 6.0	EC001340
ETIM 7.0	EC001340