



DHS-U1-BKWH-LST5-0.25-RGB

- With door handle lighting
- Connecting cable with connector M12, 5-pole, 0.25 m
- Degree of protection IP65 / IP67
- Machine status directly recognisable on the door handle
- Door handle in an ergonomical design
- Can be combined with solenoid interlock AZM40 or safety sensor RSS260
- Can also be used without safety switchgear device
- For left or right hinged safety guards

Data

Ordering data

Product type description	DHS-U1-BKWH-LST5-0.25-RGB
Article number (order number)	103053691
EAN (European Article Number)	4030661640488
eCl@ss number, version 12.0	27-33-01-90
eCl@ss number, version 11.0	27-33-01-90
eCl@ss number, version 9.0	27-33-01-90
ETIM number, version 7.0	EC000229
ETIM number, version 6.0	EC000229

Approvals - Standards

Certificates	cULus
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General data

Standards	EN IEC 60947-5-1
Housing material	Glass-fibre, reinforced thermoplastic

Material of the handle	translucent PMMA
Material of the holder	Glass-fibre, reinforced thermoplastic

General data - Features

Illuminable	Yes
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Mechanical data

Type of the fixing screws	2x M6
Tightening torque of the screw	3.5 Nm
Type of mounting screws for the handle body	2x Torx Plus T20x25
Tightening torque of mounting screws for the handle body	2.5 Nm

Mechanical data - Connection technique

Length of cable	0.25 m
Termination	Connecting cable with M12 connector, straight, 5-pole
Cable diameter	5.5 mm
Bending radius (fixed)	5 x Ø-cable
Bending radius (repeated)	10 x Ø-cable
Material of the Cable mantle	PUR

Mechanical data - Dimensions

Length	202 mm
Width	40 mm
Height	84 mm

Ambient conditions

Degree of protection	IP66 IP67 IP69
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Relative humidity, maximum	93 %
Note (Relative humidity)	non-condensing non-icing
Resistance to vibrations	10 ... 150 Hz, amplitude 0.35 mm (EN 60947-5-2)
Resistance to shock	30 g / 11 ms (EN 60947-5-2)
Protection class	III
Permissible installation altitude above sea level, maximum	3,000 m

Ambient conditions - Insulation values

Rated insulation voltage U_i	32 VDC
Rated impulse withstand voltage U_{imp}	0.8 kV
Overvoltage category	III
Degree of pollution	3

Electrical data

Current consumption at 24V	5 mA
Rated operating voltage	24 VDC
Operating current	150 mA
Required rated short-circuit current	100 A
Utilisation category DC-12	24 VDC
Utilisation category DC-12	0.03 A
Utilisation category DC-13	24 VDC
Utilisation category DC-13	0.03 A
External wire and device fuse rating	2 A gG
Inputs, Switching thresholds	-3 V ... 5 V (Low) 11 V ... 30 V (High)

Pin assignment

PIN 1	24 VDC
PIN 2	Input red RGB-LED
PIN 3	GND

PIN 4 Input green RGB-LED

PIN 5 Input blue RGB-LED

Scope of delivery

Note (scope of delivery, number and type)

The insert for use with the safety sensor RSS260 or without integrated actuator must be ordered separately.

Pictures

Product picture (catalogue individual photo)



ID: kdhs-f41

| 185.8 kB | .jpg | 352.778 x 529.167 mm - 1000 x 1500 px - 72 dpi

| 35.7 kB | .png | 74.083 x 111.125 mm - 210 x 315 px - 72 dpi

| 16.2 kB | .jpg | 82.197 x 123.472 mm - 233 x 350 px - 72 dpi

Detail photo



ID: kdhs-f42

| 189.1 kB | .jpg | 352.778 x 529.167 mm - 1000 x 1500 px - 72 dpi

| 36.1 kB | .png | 74.083 x 111.125 mm - 210 x 315 px - 72 dpi

| 16.3 kB | .jpg | 82.197 x 123.472 mm - 233 x 350 px - 72 dpi

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The details and data referred to have been carefully checked. Images may diverge from original. Further technical data can be found in the manual. Technical amendments and errors possible.

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