



DHS-U1-BKWH-L5-5.00-LT

- With illuminated pushbutton
- Connecting cable, 5-core, 5 m
- Protection class 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-L5-5.00-LT
Article number (order number)	103053688
EAN (European Article Number)	4030661640471
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
Gross weight	575 g
Material of the holder	Glass-fibre, reinforced thermoplastic
Colour of the illuminated push button calotte	Yellow Blue Green Red White

General data - Features

Idle assignable pushbutton	Yes
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Mechanical data

Mechanical life, Command devices	1,000,000 Operations
Actuating stroke	1 mm
Actuating force, maximum	10 N
Note Bounce duration	Bounce duration at an Actuating speed of 100mm/s
Type of the fixing screws	2x M6
Tightening torque of the screw	3.5 Nm
Typical actuating force of the push button	10 N
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	5 m
Termination	Connecting cable, 5 pole
Wire cross-section	0.2 mm ²
Cable diameter	5.5 mm
Bending radius (fixed)	5 x Ø-cable
Bending radius (repeated)	10 x Ø-cable

Wire cross-section 24 AWG

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

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

Overtoltage category III

Degree of pollution 3

Electrical data

Current consumption indicator lamp 30 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
Bounce duration, maximum	2 ms
Maximum switching frequency	1,000 /h

Pin assignment

PIN 1	24 VDC: brown
PIN 2	Normally open contact (illuminated button): white (WH)
PIN 3	GND: Blue
PIN 4	Input LED (in illuminated button): black (BK)
PIN 5	n.c.: red (RD) or grey (GY)

Scope of delivery

Scope of delivery	The push button caps (blue, green, red, white, yellow) are included in the 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-f31
 | 418.3 kB | .jpg | 352.778 x 833.967 mm - 1000 x 2364 px - 72 dpi
 | 68.6 kB | .png | 74.083 x 174.978 mm - 210 x 496 px - 72 dpi
 | 14.6 kB | .jpg | 52.211 x 123.472 mm - 148 x 350 px - 72 dpi

Detail photo



ID: kdhs-f32

| 14.7 kB | .jpg | 52.211 x 123.472 mm - 148 x 350 px - 72 dpi

| 426.5 kB | .jpg | 352.778 x 833.967 mm - 1000 x 2364 px - 72 dpi

| 70.0 kB | .png | 74.083 x 174.978 mm - 210 x 496 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.

Generated on: 11/11/2024, 06:05