

TECH BRIEF: DHS DOOR HANDLE SYSTEM



The new DHS door handle system unites the functions of a robust door handle with display of individual machine statuses using illumination in the handle itself. The benefit: The DHS door handle system eliminates the need to install additional door handles and indicator lamps. The door handle has been designed for integration into 40 mm profile systems.

The handle signals different machine conditions over its area using RGB LEDs, which can display seven different colors. The user can control the colors individually in order to signal defined machine status.

In addition, a push button is available, which can be individually adapted to customer requirements using the colored push button caps supplied. The pushbutton can be used for tasks such as a reset function or a request to open the guard door.

The door handle system is universally designed so that it can be optimally used as a stand-alone solution or fitted with the actuators for the AZM40 solenoid interlock or RSS260 safety sensor. The handle without the pushbutton is IP69 Rated for washdown applications. (With the pushbutton, IP66 and IP67 Rated)



USAGE OPTIONS



Standalone with blanking insert



For AZM40 with AZM40-B1 key



For RSS260 with RST-U-2 insert

Integrated BDF40 / AZM40 / DHS door system



The DHS door handle can be integrated with the AZM40 solenoid interlock and BDF40 control panel into a slim, modern door system, by adding a few accessories and connecting parts.

HANDLE ILLUMINATION OPTIONS

The red, green, and blue LEDs in the illuminated handle can display seven colors: white, yellow, green, light blue, blue, violet, red



ORDERING DETAILS

DHS-U1-BKWH-①-②-③

- ① Electrical connection
 - blank* without
 - LST5-0.25 connector M12, 5 pole
 - LST8-0.25 connector M12, 8 pole
 - L5-5.00 5 meter cable, 5 core
 - L8-5.00 5 meter cable, 8 core
- ② Handle LEDs
 - blank* non-illuminated
 - RGB 7 colors
- ③ Pushbutton element
 - blank* without
 - LT with (illuminated)

ACCESSORIES

Actuator inserts (order separately)

ACC-DHS-U1-INS	Standalone
ACC-DHS-U1-INS-RST-U-2	RSS sensor
AZM40-B1	AZM40
AZM40-B1-PH	AZM40

Pushbutton cap sets

BDF40-DHS-PBC-LT	Illuminated (5 colors)
BDF40-DHS-PBC-DT	Opaque (6 colors)

Pushbutton caps (set of 5)

BDF40-DHS-PBC-DT-BK	BLACK
BDF40-DHS-PBC-DT-BU	BLUE
BDF40-DHS-PBC-DT-GN	GREEN
BDF40-DHS-PBC-DT-RD	RED
BDF40-DHS-PBC-DT-WH	WHITE
BDF40-DHS-PBC-DT-YE	YELLOW

Illuminated pb/ light caps (set of 5)

BDF40-DHS-PBC-LT-BU	BLUE
BDF40-DHS-PBC-LT-GN	GREEN
BDF40-DHS-PBC-LT-RD	RED
BDF40-DHS-PBC-LT-WH	WHITE
BDF40-DHS-PBC-LT-YE	YELLOW

Connector cable, M12 5 pole

103010816	5 meter (IP69)
103010818	10 meter (IP69)
103010820	15 meter (IP69)

Connector cable, M12 8 pole

103007358	5 meter (IP69)
103007359	10 meter (IP69)
103011414	15 meter (IP69)
101207728	KA-0904, 5 meter
101207729	KA-0905, 10 meter
101207730	KA-0908, 15 meter

