

Smart-Box, weiss, 2 Tasten konfigurierbar

80-4022.000

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Your product:



80-4022.000

Smart-Box, weiss, 2 Tasten konfigurierbar

MOUNTING

Mounting type: for snapping in place

OPERATING-/INDICATION PART

Illumination colour: White

ELECTRICAL CHARACTERISTICS

Contacts: 2 NO

Operating voltage: 23 - 31.6 V DC $\pm 10\%$

Operation current: 55 mA

Switching rating: 30 V DC @ 0,1 A

Communication interface: AS-i

MECHANICAL CHARACTERISTICS

Terminal: Connector M12

Contact material: Gold-plated silver

Switching system: Short-travel element

Switching system: Short-travel snap-action switching system with two independent contact points and tactile operation
Guarantees reliable switching even of very light loads. Fitted with 1 normally open contact

Mechanical lifetime: ≥ 1 Mil. cycles of operation

Operating force: 4.5 N ± 1 N (measured at the lens)

Operating Travel: ca. 0.5 mm

Terminal details 1: Connection: M12 plug 5-pin, male, A-coding / Pin assignment: Pin1: ASi(+) / Pin3: ASi(-)

Status indicator: Bi-colour LED (green = power on / red = fault / address 0)
Pole reversal protection: Integrated

AMBIENT CONDITION

IP Protection:	IP67
Operating temperature:	– 25 °C ... + 60 °C
Storage temperature:	– 25 °C ... + 80 °C
Shock resistance:	Max. 100 m / s ² , pulse width, 3-axis (sinusoidal EN IEC 60068-2-27)
Vibration resistance:	Max. 50 m / s ² from 10 Hz ... 500 Hz, 10 cycles, 3-axis (sinusoidal EN IEC 60068-2-6)

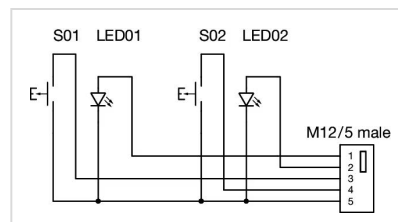
CERTIFICATE

REACH:	REACH compliant
RoHS:	RoHS compliant

OTHER

Short Description:	Smart-Box, weiss, 2 Tasten konfigurierbar, 30 V DC @ 0,1 A, 23 - 31.6 V DC ±10 %, 2 NO, Connector M12, White
Dimension:	110.9 mm x 45 mm x 45.7 mm
Material:	Plastic, according to UL 94 V0
Hints:	Mount the mounting adaptor on the mounting surface. Hang the Smart-Box on one side (note the orientation of the mounting adaptor on the housing). Press the Smart-Box onto the adaptor on the opposite side until the box clicks into place. Alternatively, the module can be placed on a standard top-hat rail or mounted on a surface using screws from the rear (see dimension drawings).
Description component:	Upper part of housing: PBT / UL-V0 / colour similar to RAL9010; Lower part of housing: PBT / UL-V0 / colour similar to RAL9011; Spring element (for restraint): POM (nature); Seal: MVQ silicone foam bright; Blind plug: PC / glass clear; Mounting adaptor: Stainless steel 1.4301 / surface vibratory finish; Housing screws: Stainless steel A2; Marking plate: Black PVC / surface aluminium-coloured, adhesive; M12 connector housing: Die cast zinc
Colour RAL:	9010 RAL

Wiring diagrams:



Dimension drawings:

