Ordering Information

- Accessories see pages 516–521.
- Enclosures see page 523.
- Dimensions see pages 529–533.

Maintained (Push-Push) Pushbutton with Holder

Maintained Pushbutton

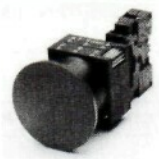
Color	Catalog No	Price $
black	3SB3000-0DA11	9.00
red	3SB3000-0DA21	9.00
yellow	3SB3000-0DA31	9.00
green	3SB3000-0DA41	9.00
blue	3SB3000-0DA51	9.00
white	3SB3000-0DA61	9.00

Push-Twist to Latch with Holder

Pushbutton Unit with Extended Button, Latching

Color	Catalog No	Price $
black	3SB3000-0CA11	23.00
red	3SB3000-0CA21	23.00

Complete Maintained Push-Pull Units



Mushroom-shaped Push-Pull Button

Color/Contacts	Catalog No	Price $
red 1 NC	3SB3203-1CA21	30.65
red 1 NO + 1 NC	3SB3201-1CA21	40.30

Maintained Push-Pull Actuator with Holder

Push-Pull Button Unit, 40 mm

Color	30 mm Mushroom	Price $	40 mm Mushroom	Price $
black	3SB3000-1EA11	21.00	3SB3000-1CA11	21.00
red	3SB3000-1EA21	21.00	3SB3000-1CA21	21.00

Maintained Push Lock Twist Release

Push Lock Twist Release

With mechanical latching function acc. to EN 418①					
Color	Contacts	Complete Units Catalog No	Price $	Actuator with Holder (No Contacts)	Price $
red	1 NC	3SB3203-1HA20	30.65	3SB3000-1HA20	21.00
red	1 NO + 1 NC	3SB3201-1HA20	40.30	—	—
black	—	—	—	3SB3000-1HA10	21.00

Push Lock Key Release - Actuator with Holder

EMERGENCY-STOP Unit with Lock

40 mm dia., with mechanical latching function acc. to EN 418①			
Color/Description		Catalog No	Price $
red	**RONIS lock** Lock No. SB30 supplied with 2 keys, unlatching only by using the key	3SB3000-1BA20	51.00
red	**O.M.R. lock** Lock No. 73037 supplied with 2 keys, unlatching only by using the key	3SB3000-1MA20	62.00

①EN 418 states that when the button is activated, opening of the contacts and mechanical latching must occur simultaneously.

Description

SIRIUS 3S is a new control device program for front panel mounting and rear wire connection.

SIRIUS 3S is a modern industrial design with a very flat construction and can be installed rapidly by a single person.

A modular inscription system especially designed for the SIRIUS 3S devices makes it possible for large and easily legible labels.

Standards and Specifications

UL/CUL E44 653
CSA
DIN VDE 0660 and IEC 947-5-1.

Design

SIRIUS 3S is offered with either a plastic or metal composition.

The plastic version has an IP66 rating as well as UL Type 4X. They are very low profile giving a flat appearance to the operating panel.

The metal version has an increased level of protection with an IP67 rating and the UL Type 4X as well. The die cast housing of the metal style provides long lasting durability.

Inscriptions

Custom laser marking on the actuator is available.

Construction

A command point consists of an operating element with a front ring or lens assembly, a holder for mounting and the contact block and/or lampholder.

Two contact blocks may be mounted directly to the back of any operator.

When three contact blocks or one lampholder and contact blocks are required, a contact block carrier must be added to the operating element.

A carrier with pushers is required for operating a middle contact block of a selector switch.

Complete units are offered for the most commonly used applications.

Gear holder

The gear holder is reversible and can be used with panel thicknesses of 1 to 4 mm, or 3 to 6 mm. A holder is provided with the device, ready to use with a panel thickness of 1 to 4 mm. Align the markings on the gear holder with the (▲ 1 to 4 mm ▲) pointing toward the back of the panel. The tightening screw is located opposite the 1 to 4 marking.

For panels with a thickness of 3-6mm, the holder must be turned so the other markings (▲ 3 to 6 mm ▲) point towards the back of the panel. In this case the tightening screw must be turned counter-clockwise fully to its stop before assembling the device.

A provision for grounding has been included in the design of the metal holder. A grounding screw accessory can be used when the operator is mounted in a non-conductive panel.

Contact blocks and lampholders

The contact blocks are fitted with double bridge operating contacts. This ensures a high switching reliability even with small voltages and currents of 5V/1 mA and above. They are suitable for use in electronic systems as well as conventional electrical controls.

The switch contacts of the NC contact are positively driven.

A lampholder for lamp with a BA 9s (screw connection) and a W2 × 4.6 d (solder connection) are available for the illuminated pushbutton units and indicator lights in addition to the contact blocks.

Contact blocks and lampholders have the terminal designations in accordance with EN 50 013.

Mounting

SIRIUS 3S devices are easily and rapidly installed:

- Actuators or indicator lights are positioned in the opening of the front panel from the front
- Position the gear holder from the rear
- Tighten the screw on the gear holder
- Snap the contact block or the lampholder directly onto the operating mechanism from the back.

Connecting method

- Screw connections (standard)
- Cage clamp connections (optional)
- Solder connections (Solder pins 0.8 mm × 0.8 mm) (optional).

The 3SB3 command devices have screw connections. They feature open terminals, screws that cannot be lost, funnel-shaped wiring openings and screwdriver openings that make it possible to use motorized screwdrivers.

Communication-capable SIRIUS 3S command devices

SIRIUS 3SB3 command devices can be connected to the Actuator-Sensor Interface (AS-Interface®) networking system by means of the AS-Interface® application module for mounting on printed-circuit boards.

The illuminated command devices are powered via the AS-Interface® cable.

The following connections to AS-Interface® are available:

- AS-Interface® user module for printed-circuit board
- Individual AS-Interface® connection
- AS-Interface® front panel module
- AS-Interface® stations

Communication with SIRIUS 3S via PROFIBUS-DP is also possible.

Flush Pushbutton (Plastic)

Flush Pushbutton (Metal)