

# Press Release

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 **SCHURTER**  
ELECTRONIC COMPONENTS

## MSM LA CS: robust metal pushbutton switch with ceramic actuator surface

**SCHURTER is expanding the MSM family of pushbutton switches with an additional version that features latching action: the MSM LA CS. The biocompatible ON/OFF metal switch can be backlit across its entire surface, making it both visually attractive and highly durable.**



The new MSM LA CS ON/OFF stainless steel pushbutton switch from SCHURTER is equipped with an actuator made of durable ceramic. The same ceramic is already being used to manufacture the previously introduced MSM CS momentary action switches. The material resists scratches and abrasive chemicals as well as impacts; it can also be labeled with highly durable legends.

The non-illuminated versions of the MSM LA CS and MSM CS switches are offered with a white actuator surface. Standard or customer-specific black legends are applied directly into the ceramic material. Due to the base material and the labeling process, the inscription is scratch-proof and stands up to common cleaning agents. The illumination design provides a uniform glow across the entire surface in the desired illumination color (red, green, blue, white, orange). These versions can also be labeled with symbols. The positive labeling is black. Inverse labeling is also possible.

The MSM LA CS pushbutton switch is available with mounting diameters of 19 and 22 mm. It is suited for use in a temperature range of -20 °C to +85 °C. With actuator travel greater than 5 mm, the MSM LA CS is ideal for applications where increased feedback of the switching status (ON/OFF) is required. In the OFF state, the actuator position protrudes from the housing; in the ON state, it is recessed to the housing. This makes for user-friendly actuation and also prevents inadvertent switching. Equipped with blade terminals, the MSM LA CS can be wired up very quickly: the pre-assembled cable set is plugged into the quick-connect terminals of the microswitch, which is then snapped into the housing.

The sturdy stainless steel housing and the actuator made of scratch-proof ceramic make the MSM LA CS latching action and MSM CS momentary action switches especially well suited for use in equipment operating in harsh environments, or applications that require protection against vandalism. These include, for instance, vending machines, ticket machines, equipment in restaurant operations, public facilities, sanitary facilities as well as applications in hypoallergenic environments such as the medical sector.

### Technical data:

- MSM LA CS pushbutton switch: switching voltage 250 VAC, switching current 12 A, 1 or 2 pole
- Actuator face made of scratch-proof ceramic, backlit along the entire face
- Standard LED illumination colors: red, green, blue, white, orange
- Operating temperature: -20 °C to +85 °C
- Protection rating IP64, protection class IK07
- Microswitch with UL, CSA and ENEC approvals
- Packaging unit 10 pieces

**Internet:**

[Selector Metal Line Switches](#) [1]

[Datasheet MSM LA CS 19](#) [2]

[Datasheet MSM LA CS 22](#) [3]

**Company:**

SCHURTER continues to be a progressive innovator and manufacturer of electronic and electrical components worldwide. Our products ensure safe and clean supply of power, while making equipment easy to use. We offer a broad range of standard products including circuit protection, connectors, EMC products, switches and input systems, electronic manufacturing services as well as solutions. Moreover, SCHURTER is ready to work with our customers to meet their application specific requirements, not covered in our standard range. You can rely on SCHURTER's global network of companies and partners to guarantee a high level of local service and product delivery. SCHURTER AG is furthermore proud winner of the ESPRIX Swiss Award for Excellence 2014 in the category large-scale enterprises.

**Contact:**

SCHURTER will be happy to answer any questions you might have. Please get in touch with the following contact:

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[1]: [http://www.schurter.ch/wwwsc/con\\_pg70.asp](http://www.schurter.ch/wwwsc/con_pg70.asp)

[2]: <http://www.schurter.com/en/datasheet/MSM LA CS 19>

[3]: <http://www.schurter.com/en/datasheet/MSM LA CS 22>