

New Cap Series for the Multimec® 5G Series Switch

10R/10RF/10RM is a 30mm round cap series

- 10R has a slightly curved top
- 10Rf has a flat top and sharper edges
- 10Rm has a metal plate with illuminated legend and 1mm rim



10Q/10QM is a 22mm square cap series

- 10Q has a flat top
- 10QM has a metal plate with illuminating legend and 1mm rim



Both cap series have two optional parts: spacer and sealing. The need for a spacer is dependent on the front panel thickness and the design of the application. In case of harsher environments, the sealing provides an opportunity of having the front panel sealed to IP67. Both series are designed to be flush with the front panel to give a neat and aesthetic look to the application. They have a low building height of 11mm and activation functions no matter where you push on the cap. The two series also provide many design options for illumination: full, reverse printed and metal legend; however, in order to have an even illumination, LEDs on PCB are required, making it easy to customize your front panel design. There are eight standard colours: 7 solid colours and frosted white for illumination. In addition, there are 10 standard legends for metal plates as well as positive and negative pad print. Both 10R/10RF/10RM and 10Q/10QM cap series are based on Multimec® 5G switch.

Multimec® 5G switch has:

- Life cycles >10.000.000
- 3 standard actuation forces: 2.0N, 3.5N, 6.5N and 2.0N quiet version
- IP67 sealing
- Function: normal open or normal closed/normal open
- Robustness >100N
- Low contact resistance <30mΩ
- Recommended load 0,5-50mA, 24VDC

Multimec® 5 series switches are high performance tactile switches with a wide range of cap and accessory options, including many options in shape, size, height, colour and illumination.

Datasheets and additional information can be found on www.mec.dk