COMELETRIC

Specialized rotary and control switches

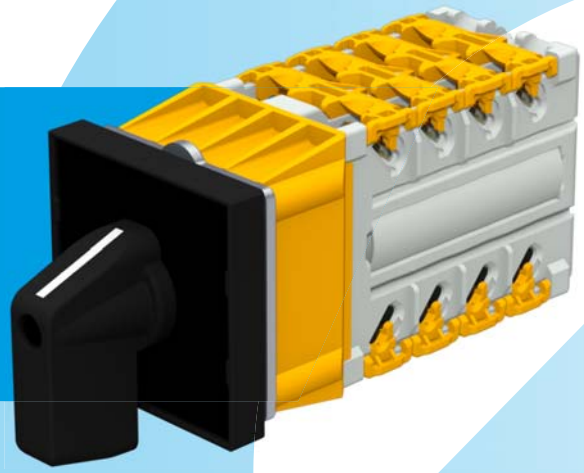
R10

Innovative solution
for every application

R10

R10 Control and Selector Switch is the latest innovative COMELETRIC product.

Its purpose is to gather together the different needs of Customers in various application fields, while keeping the main features of COMELETRIC switches, with their robustness, reliability, durability and manufacturing flexibility

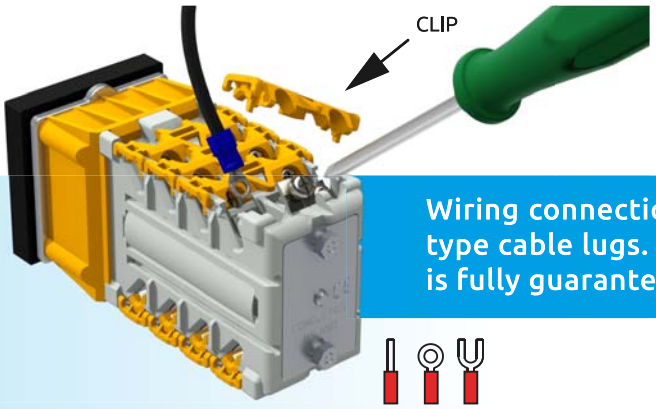


Thanks to its special features it is the perfect solution for installations on rolling stock applications such as trains, metros, trams or in any environments with high shock and vibration conditions.
The slim design of its body contact makes it ideal for fitting in panels, control and driver desks or any other narrow electrical device where a little space is available.

The main shaft and structure are in steel with high resistance zinc surface treatment (tropicalization) and the contacts are silver plated (gold plated on request), suitable for fitting in aggressive environments. All these treatments protect the equipments from surrounding atmospheric conditions, heat, humidity, salt, etc.

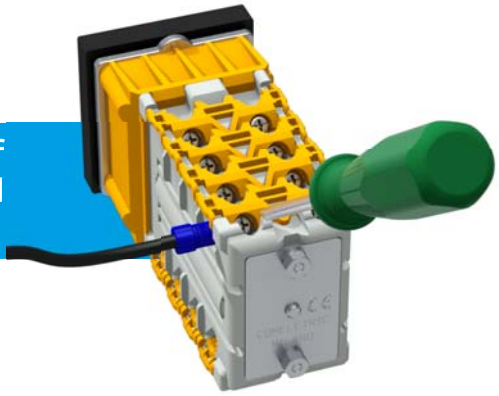
R10

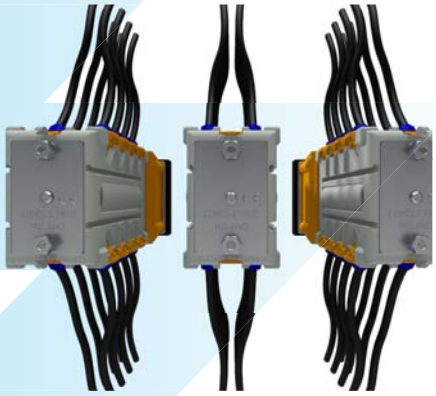
The new R10 switch keeps in itself the usual characteristics of the **self cleaning contact system**, the main concept of all COMELETRIC switches, the greatest and most reliable in the most heavy duty applications.
The self cleaning knife type contact system is the only way to properly switch DC currents.
The miscellaneous of shapes of rotor and fix contacts allow to perform different switching schemes in conformity to the customer requirements.



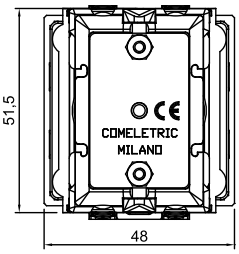
Wiring connections are possible with pins, forks, as well as ring type cable lugs. By positioning the CLIP, IP20 protection degree is fully guaranteed, to work in safety conditions.

The access to the terminal is possible from both sides of the switch. Screw, inclined of 45°, can be easily reached even on wired switch.

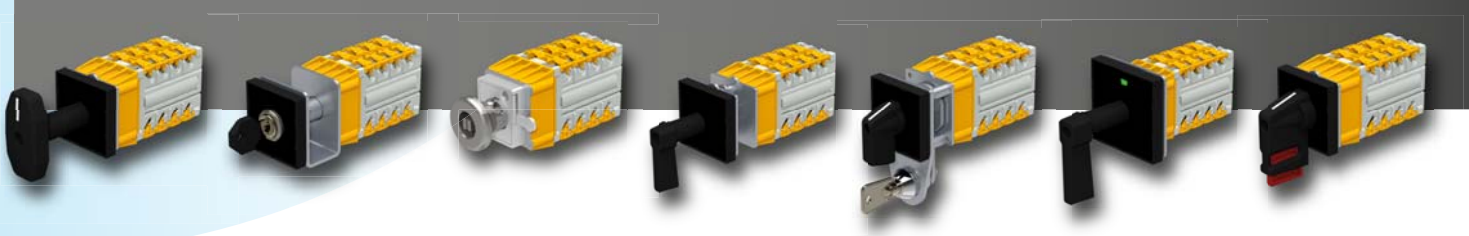




Thanks to the slim body , the switches can be fitted very close one to the other even in the narrowest panels.



R10 Switches are available from 2 to 8 positions, fix or with spring return.
They can be provided with many different kind of handles, standard types, pistol or oval in two different sizes, or with various locking devices from padlockable knobs to control keys or safety locks. Even customized front facilities can be designed.
Great flexibility in developing customized electrical diagrams, text engravings and numbering of terminals in full accordance with technical specifications.



RATED ELECTRICAL CHARACTERISTICS:
Conventional Free Air Thermal Current Ith 20A
Rated Insulation Voltage Ui 690V
IEC 60947-1 IEC60947-1/A1 IEC 60947-5-1/A1

UTILIZATION CATEGORY:
AC 14 - 400V 10A / AC 15 - 400V 6A
DC 13 - 220V 3A / DC 14 - 110V 3.5A 250V 1.5A