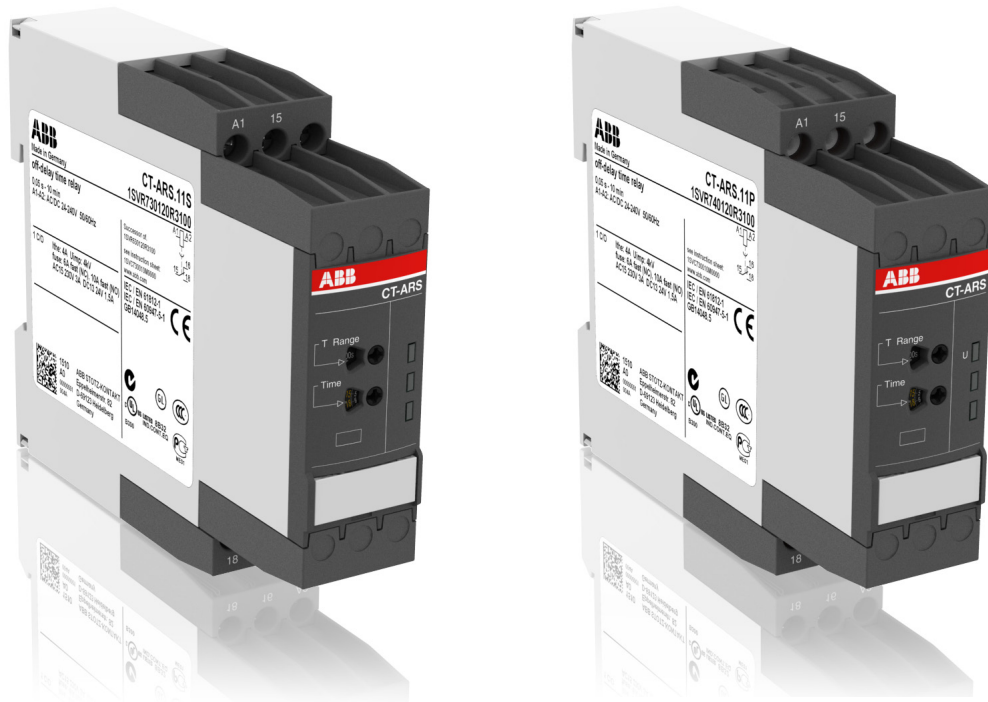


# The New S Class of Measuring Monitoring And Timer Relays. With Innovative Connection Technologies.



The new housing provides two different connection possibilities:  
Double-Chamber Cage Connection Screw Terminals  
or Push-in Connection Terminals.

## General facts

ABB have developed a totally new housing for all time relays and measuring & monitoring relays in S range with innovative connection technologies. In form and design the new housing meets both: ABB's latest design standards and EPR's requirements for a sophisticated product. All devices are available with either innovative Push-in Terminals or State of the Art Double-Chamber Cage Screw Connection Terminals.

## Easy Connect Technology

Thanks to the innovative new Push-in Terminals, the devices with Easy Connect Technology can be wired much more quickly and easily – without the need of tools. For example, rigid or flexible wires with wire-end ferrules can be connected without the need for a tool. Even flexible wires without ferrules can be directly connected, here the cage must be opened before wire insertion. To release the wires the cages have to be opened with a tool.

The Push-in Terminal is suitable for the following wire sizes: rigid or fine-strand with wire-end ferrule,  $1 \times 0.5 \dots 1.5 \text{ mm}^2$  or  $2 \times 0.5 \dots 1.5 \text{ mm}^2$  /  $1 \times 20 \dots 16 \text{ AWG}$  or  $2 \times 20 \dots 16 \text{ AWG}$ . These Push-in Terminals are completely secure, and are the perfect solution for high vibration environments.

## Double-Chamber Cage Connection Screw Terminals

The screw terminals can be connected with two wires with different wire diameters up to  $2,5 \text{ mm}^2$ . According to IEC/EN 60947-1 two rigid or fine-strand wires with ferrules up to  $2,5 \text{ mm}^2$  (AWG14) can be used.

## Flexibility

Both solutions, Double-Chamber Cage Connection Terminals and Push-in Terminals, have exactly the same design and size. Both versions can thus be interchanged at any time or positioned alongside each other in a switchboard. With this new housing ABB offers the world wide first complete range of industrial products with Push-in Terminals.

## Other Features

Snap on housing - Tool-less mounting and removal on / off the DIN rail.

Housing meets UL94 VO classifications.

Abrasion resistant terminal and front face marking.

Available now in Timer range.

Coming soon in Measuring and Monitoring product range.