Delivering Compliance and Performance to Copper Cabling Infrastructures

Actassi RJ45 S110 Connectors
Delivering Innovation at the Foundation

Innovation around the communication infrastructure in a building is enabling productive, comfortable, sustainable, and energy-efficient enterprises. Today’s enterprise IP networks support ever-evolving applications for not only voice and data but power, heating and cooling, energy management, lighting, security, and more.

Support for all these applications comes in part from the physical infrastructure. [This cabling infrastructure supports, Power over Ethernet (POE) technology, and connected products in today's smart buildings.]

This cabling infrastructure is based on a LAN network architecture. It can support Power over Ethernet (POE) technology and be linked with connected products that collectively contribute to the innovations in today’s smart buildings.

Actassi is Schneider Electric’s range of networking and connectivity infrastructure solutions for building and data centers. It delivers reliable, end to end, scalable solutions that enable IT efficiency. The new Actassi S110 RJ45 connector is a key element of this cabling architecture. It enables the performance of the physical cabling infrastructure at the foundation of Schneider Electric’s EcoStruxure architecture.

Today, Schneider Electric’s EcoStruxure™ Building strategy harnesses the power of the IoT, enabling the connection of everything from sensors to services over one IP backbone. Built on a collaborative, smart IoT platform, this strategy is a scalable, open and secure solution that combines next-generation software with hardware innovation.

Schneider Electric’s Actassi networking and connectivity infrastructure portfolio helps remove the complexity from IP with easy-to-use connectors, racks, data patch panels, cables and faceplates that work seamlessly with SmartX IP Controllers. The new ACTASSI S-110 punch down RJ45 connectors deliver an optimal solution for network termination. The entire range is compatible with all other products in the Actassi portfolio.

Product Highlights

U-shaped cable entry
Customer is able to do termination with cable entrance by lateral access or by axis access

Integrated automatic shutter
Patented automatic shutter to protect the RJ45 jack from dust and accidental insertion. Customer doesn’t need to buy and install additional part to protect the RJ45 jack in 19” patch panel or in Wiring device faceplates

Wire retention
Wires are maintained in the rear part of RJ45 during termination

Easy identification of applications
Available in several colours for easy and quick circuit/network identification and management in patch panels

Keystone footprint
RJ45 jack is able to be integrated in Actassi faceplates and 19” patch panels

Easy termination
Same wire map for Cat5e + Cat6 + Cat6A = less risk to make wire connection errors

Transparent IDC cap
Clear and transparent IDC cap for faster visual inspection of wires after termination

Visible category
With 3 different markings it’s easy to know just by looking at the front of the connector (5e = Cat5e, 6 = Cat6, 6A = Cat6A)