

NEW XC645CX CONTROLLER for COMPRESSOR RACK

Experience, combined with innovation, allows Dixell products to satisfy in the best possible way the market needs. This is why Dixell is launching the XC645CX digital controller for compressor racks optimized for Copeland Digital Scroll. This parametric controller is designed for Tandem units with Digital Scroll with suction and delivery management, and fans modulation.

XC645CX is available in compact format (CX: 32x74mm), it is provided with 6 useful keys and a dual display with icons that ensures a complete plant situation with suction and condensing pressures (temperature), loads status, alarm and maintenance conditions. The controller has a complete and powerful hardware with 3 probe inputs, up to 7 digital inputs, and 4 relay outputs one of which for Digital Scroll Compressor and the others configurable as fans or compressors.

Among main features, there is the possibility of managing up to 4 compressors/fans, the kind of probe selected through parameter and the alarm logger that allows record the last 20 alarms.

The adjustment can be made with proportional band or neutral zone and it is based on the pressure or temperature detected on the suction (compressors) and condensing (fans) section. In order to reduce costs and save energy, there is the possibility to use a dynamic set point that guarantees excellent plant efficiency. The condensing set point is changed according to the external temperature in order to maintain the optimum condensing temperature.

XC645CX can be easily programmed by means of the Hot Key. It is provided with a TTL serial output for monitoring and supervising unit connection such as the XWEB family which is based on web technology.