

SECTION 3 - Control and Protection

This section of our catalogue features a wide range of components, devices and accessories designed for apparatus protection and as man/machine control/interface in automation and process environments.

In particular, the following families of products are described in this section:



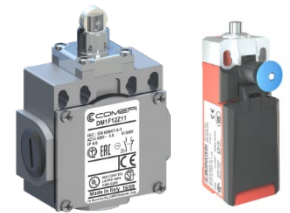
- **Disconnect Switches:** Non-fused models from 16 to 250A in door-mount, panel-mount, DIN-mount and enclosed versions. All models are horsepower-rated and suitable for use as motor disconnects. Available in 3, 4 and 6 pole versions in all styles and sizes.



- **Rotary and Changeover switches:** they are designed to meet the most stringent requirements for application in control panels, command consoles, machinery enclosures, automation, manufacturing, industrial processing, laboratories, conveyors and moving equipment. They are compact in size, simple to install and operate. Standard and custom configurations available.



- **Limit Switches:** ITC offers the extensive lines of mechanical limit switches by COMEPI and Bernstein AG. Models available in all standard sizes, with aluminum or plastic bodies, up to IP69K protection.



- **Safety Switches:** A new line of safety-rated switches with separate actuator and electromagnetic release is now available at ITC.

- **Foot Switches:** For hands-free machine operation and control. ITC offers various models with and without guards or shields. Different types of operation as well as single and multiple contacts available.



- **IEC Contactors:** A complete line of DIN-mounted motor-rated 3-pole contactors, rated 9 to 1000A. Thermal overload relays, auxiliary contact blocks, interlocks are among the available accessories.

- **Definite Purpose Contactors:** These are designed to operate components in the heating, ventilation, and air conditioning industry. They can also be used to control small motors, and in most applications where low cost and ease of installation are required.



- **Circuit Breakers:** ITC's extensive range of MCBs, MCCBs and ACBs will meet all disconnection and short-circuit protection requirements and conform to North American standards.





- **Manual Motor Starters:** Ex9S Manual Motor Starters provide manual isolation, manual motor control, and overcurrent protection. They are electro-mechanical devices combining various functions in one unit.



- **Soft Starters:** Ex9QR5 Soft Starters combine basic and advanced protection functions including programmable current modes, automatic light-load energy savings and low speed forward and reverse rotation function.

- **Power Continuity:** ADEL System's DC-UPS series provides a compact, "All-in-one solution" to your power management needs. These devices combine several functions into a compact unit: power supply, power backup (UPS), battery charger and battery care module.



- **22.5mm Push Buttons, Selectors, and Indicators:** Our popular line of metal or plastic control devices is extremely easy to assemble and versatile. Available models include illuminated and non-illuminated buttons, 2/3 positions selector switches (non-illuminated, illuminated, key-operated), E-stops in various sizes and colours, and pilot lights.



- **Stack lights (Tower Lights):** A complete range of pre-assembled light elements, which can be wired as a fixed or flashing light, and available with a siren alarm (buzzer).

- **Light Bulbs:** for use with our line of 22.5mm Push Buttons, as well as with a variety of different applications. LED, Neon and Incandescent with Ba9s bases. Larger LED bulbs in Ba15s and Ba15d bases.



- **Fuse Holders (DIN-Rail mounted):** Our fuse holders for **midget** and **CC** fuses provide safe operation, fast assembly and easy fuse replacement with total safety. Available in 1-, 2-, 3-pole and 3+neutral configurations, without indicator, with Neon fusion indicator or with flashing LED fusion indicator.



- **Low-voltage fuses:** ITC supplies **midget** and **CC** fuses (used with ITC's fuse holders), as well as glass or ceramic 1/4"x1/4" and 5x20mm fuses (used with fuse terminal blocks) and **Dummy** fuses.