

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:



- **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 (incandescent/neon/LED).

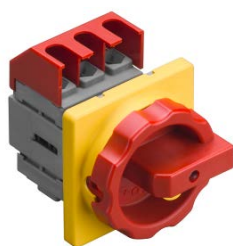


- **Stack lights (Tower Lights):** A complete range of pre-assembled light elements, which can be wired as a fixed or flashing light, and available with a siren alarm (buzzer).

- **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.



- **Disconnect Switches:** Non-fused Disconnect Switches from ITC includes models from 16 to 250A in door-mount, panel-mount and enclosed versions. All models are horsepower-rated and suitable for use as motor disconnects. Stock items include 3-, 4- and 6-pole versions in all styles and sizes, auxiliary and neutral contacts as well as several other accessories.



- **Rotary and Changeover switches:** A new line of changeover switches from ITC! The most common applications for these switches include standby generator systems, twin battery power systems, and in general all situation where power supply must be selected between two different sources, or where two different systems, machines or load zones are to be alternately selected for supply from a single source.

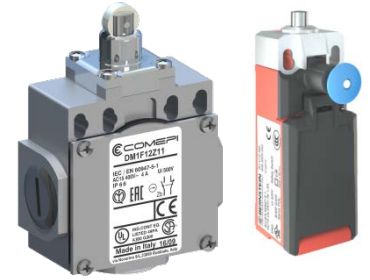
- **Fuse Holders (DIN-Rail mounted):** Our fuse holders for midget and CC fuses provide safe operation, fast assembly and easy fuse replacement with total safety. Available in 1-, 2-, 3-pole and 3+neutral configurations, without indicator, with Neon fusion indicator or with flashing LED fusion indicator.



- **Low-voltage fuses:** ITC supplies midget and CC fuses (used with ITC's fuse holders), as well as glass or ceramic 1¼" x ¼" and 5x20mm fuses (used with fuse terminal blocks) and Dummy fuses.



- **Limit Switches:** ITC offers the extensive lines of mechanical limit switches by COMEPI and Bernstein AG. Models available in all standard and custom sizes, with aluminum or polymeric 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 2 metal series (standard size / miniature) as well as 2 non-metallic series (standard / miniature) with and without guards or shields. Different types of operation as well as models with single and multiple contacts available. CSA and UL approvals vary depending on the models.



- **IEC GP Contactors:** ITC proposes a complete line of DIN-mounted motor-rated 3-pole contactors, rated 9 to 95A (7.5 to 60HP at 600V 3ph.), with replaceable coils at 50 or 60 Hz, 24 to 600V. Thermal Overload relays, auxiliary contact blocks, interlocks are among the available accessories. Contactors and accessories rated up to 1200A, 800HP are also available.

- **Definite Purpose Contactors:** ITC's Definite Purpose (DP) Contactors are AC switching devices, particularly 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.



- **Relay Modules:** ITC's compact, economical DIN rail mounted relay modules can be used as interface between PLCs and other control components, and the respective controlled devices (loads), to be mounted on all 35mm rail as well as on asymmetric 32mm rail.

New products, sizes and materials, along with improvement of existing products, are frequently added to ITC's line-up of wire management accessories. If you do not find the product you are looking for, contact ITC.