

# EPIC® Pin & Sleeve Connectors

## ULYSSE Series: High Performance Switched Socket Outlets with Mechanical Interlock

The ULYSSE Series interlocked, switched socket-outlets are ideal for indoor and outdoor power service On/Off control. The range consists of North American: 20 amp, 30 amp, and 60 amp models; and International: 16 amp, 32 amp, and 63 amp models. These interlocked outlets can be used individually and mounted using the integral mounting feet, or as part of a multiple unit distribution board assembly utilizing a patented “quick-mount” support plate and a selection of wire connection junction boxes. The rugged, double insulated thermoset plastic enclosure,

internal fuse holder, and zinc-plated steel interlocking mechanism contribute to long-term operator safety. The rotary switches used in the ULYSSE Series socket-outlets are AC23A-AC3 category devices suitable for direct switching of motor and other highly inductive electrical loads and have a conditional short circuit rating of 10,000 amps. The ULYSSE range meets or exceeds compliance with the following standards: CEI EN 60309, CEI EN 60947, CEI EN 60529, CEI EN 60742, IEC 60309, IEC 947, IEC 529, IEC 742, UL 1682, UL 1686, and UL 508.

### SAFETY

Made of reinforced, thermoset plastic, these products are ideal for outdoor applications. Their rugged industrial design ensures high impact resistance (20 joules) at low and high temperature extremes, electrical insulation, outstanding resistance to extremes of heat and fire (960°C Glow Wire Test; self-extinguishing UL94:V0), as well as resistance to chemical agents, humidity, the prolonged action of UV rays, and atmospheric agents.



### APPLICATIONS:

Manufacturing facilities, food processing, breweries and distilleries, amusement parks, marinas, ski facilities, machine power distribution, and boiler room locations.

### KEY FEATURES

#### Quick & Easy Installation

Used individually, surface mounting is quickly accomplished using the four integral mounting feet. A patented, quick-mount support plate (option) allows multiple units to be assembled into a distribution panel. The switched-outlets can be mounted to the plate using one hand and quickly secured using only two screws. All socket-outlets are provided pre-wired with peeled and numbered cables 70cm long, eliminating the need to open the enclosure. This reduces installation time by 30%.

#### Thermoset Plastic Enclosure

The use of reinforced thermoset plastic ensures the highest possible dimensional stability and resistance to heat, chemical, and mechanical stress. These performance characteristics exceed those of typical switched-outlets constructed using standard thermoplastics. Double-insulation design ensures no electrical path exists from internal components to the outside of the enclosure.

#### Double Environmental Protection (Watertight)

All ULYSSE switched-outlets carry both IP66 and IP67 protection ratings for watertight service against violent water jets as well as accidental immersion.

#### Mechanical Interlock

Zinc-plated steel interlock mechanism guarantees electrical operation only when a plug is inserted in the outlet. Robust design prevents interlock failure even when forced.

#### Ergonomic Control With Lockout

The unique semi-spherical control knob is easily operated even with a gloved hand. To prevent unauthorized operation, the knob can be padlocked in either the “On” or “Off” position.

#### Direct Motor Control

Use of AC23A-AC3 category cam switches allow direct switching of motor and other highly inductive electrical loads and have a conditional short circuit rating of 10,000 amps.