## Features

- Field convertible pushbuttons and mushroom operators from maintained to momentary status
- Field convertible selector switches from momentary to maintained operation and vice versa
- LED offering only for all illuminated operators
- Laser engraved pushbuttons, lenses and enclosures
- Heavy-duty construction with a minimum of IP66 and UL NEMA® type 4X / 13 on front of panel operators. Many operators even carry IP67 and IP69K, for the toughest applications

- Silver or black colored nylon bezels
- Snap-lock contact blocks and light units for front or base mounting
- Notched hole mounting with anti-rotation tab and central nut mounting on each operator
- Over 5 million mechanical operations and 1.6 million electrical (reference specification sheet)
- Direct opening action normally closed contacts
- Unique and innovative offerings, such as four-way pushbuttons and USB/RJ45 bulkhead interfaces
- Screw or spring-cage terminals

## Benefits

- Modular construction makes assembly fast and simplifies stocking of components and complete devices
- Field convertibility of operator status for pushbuttons and selector switches helps distributors and customers reduce inventory and increase functionality
- LED offering only for improved brightness quality and up to 100,000 hours of operation
- Plastic construction is corrosion resistant. Operators are designed for rugged environments, ideal for washdown applications (reference each operator's IP ratings and IEC/EN 60529 for ingress protection definition)

- Anti-rotation tab saves installation time and prevents operator rotation
- High mechanical and electrical life allows for use in tough and challenging applications
- Laser inscription capabilities allow for high-quality, wear-resistant markings
- All normally closed (NC) contacts are direct opening action, i.e., NC contacts are physically forced open by direct linkage with the pushbutton operator in the unlikely event of contact weld
- Some M22 operators are capable of communication via ASi protocol
- M22 offers USB and RJ45 connections

## Product Selection Guide

### Pushbuttons

| Description | Non-illuminated, flush | | Non-illuminated, extended | | Illuminated, flush | | Illuminated, extended | |
|---|---|---|---|---|---|---|---|---|
| Operator | Momentary | Maintained | Momentary | Maintained | Momentary | Maintained | Momentary | Maintained |
| Product Selection | Pages V7-T1-36 to V7-T1-38 | Pages V7-T1-39, V7-T1-40 | Pages V7-T1-41, V7-T1-42 | Pages V7-T1-43, V7-T1-44 | Pages V7-T1-46 to V7-T1-48 | Pages V7-T1-49, V7-T1-50 | Pages V7-T1-51, V7-T1-52 | Pages V7-T1-53, V7-T1-54 |

### Indicating Lights

| Description | Indicating lights |
|---|---|
| Product Selection | Pages V7-T1-55, V7-T1-56 |