



#### Main

|                    |  |
|--------------------|--|
| Series name        | Severe duty                                      |
| Device application | Universal mill switch<br>Standard foundry switch |
| Device short name  | FT   |
| Head type          | Rotary head                                      |

#### Complementary

|  |  |
|--|--|
| Base plate style                             | Style B  |
| Body material                                | Cast zinc  |
| Switch actuation                             | CW and CCW   |
| Electrical connection                        | Screw clamp terminal AWG 22...AWG 12   |
| Cable entry                                  | Conduit entry, cable outer diameter: 20 mm   |
| Switch function                              | SPDT-DB  |
| Contact form                                 | Form Z   |
| Contact operation                            | Snap action  |
| Contacts material                            | Silver flashed copper  |
| Positive opening                             | Without  |
| Minimum torque for tripping                  | 0.9 N.m  |
| Maximum actuation speed                      | 90 Ft/Min with 45° cam angle, levers only<br>50 ft/min with 45° cam angle, levers only                     |
| Tripping angle                               | 0 °  |
| Maximum displacement angle                   | 90 °   |
| Repeat accuracy                              | +/- 0.004 in 0.1 mm  |
| Contact code designation                     | A600<br>P600   |
| [Ithe] conventional enclosed thermal current | 20 A   |
| [Ui] rated insulation voltage                | 600 V  |
| [Uimp] rated impulse withstand voltage       | 2200 V AC conforming to UL<br>2500 V AC conforming to CE<br>2640 V AC conforming to CSA                    |
| Short-circuit protection                     | 20 A Bussmann class CC KTK-R-20, type non-time delay   |
| Contact status                               | Closed A for CCW position<br>Open A for CW position<br>Open B for CCW position<br>Closed B for CW position |
| Tilting angle                                | 45 °   |
| Type of operator                             | Maintained to be ordered separately<br>Spring return lever arm   |


## Environment

|                                       |                                       |
|---------------------------------------|---------------------------------------|
| Shock resistance                      | 30 gn                                 |
| Vibration resistance                  | 10 gn (f= 10...55 Hz)                 |
| NEMA degree of protection             | NEMA 1/2/4/12/13 conforming to UL 508 |
| IP degree of protection               | IP65<br>IP66<br>IP67                  |
| Electrical shock protection class     | Class 0                               |
| Ambient air temperature for operation | -10...185 °F                          |
| Protective treatment                  | Corrosion resistant gray paint        |
| Product certifications                | CSA[RETURN]UL listed[RETURN]CE        |

## Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Height             | 8.89 cm   |
| Package 1 Width              | 16.256 cm |
| Package 1 Length             | 7.366 cm  |
| Package 1 Weight             | 1.134 kg  |
| Unit Type of Package 2       | S03       |
| Number of Units in Package 2 | 8         |
| Package 2 Height             | 30.0 cm   |
| Package 2 Width              | 30.0 cm   |
| Package 2 Length             | 40.0 cm   |
| Package 2 Weight             | 10.145 kg |

## Offer Sustainability

|  |   |
|--|---|
| Environmental Disclosure                   |  <a href="#">Product Environmental Profile</a>   |
| Circularity Profile                        | No need of specific recycling operations  |
| California proposition 65                  | WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| For all Reach Rohs enquiries contact us at | <a href="mailto:sustainability@tesensors.com">sustainability@tesensors.com</a>  |