



### Main

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

### Complementary

|                                              |                                                                                                            |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------|
| Base plate style                             | Style D                                                                                                    |
| Body material                                | Cast zinc                                                                                                  |
| Switch actuation                             | CW and CCW                                                                                                 |
| Electrical connection                        | Screw clamp terminal AWG 22...AWG 12                                                                       |
| Cable entry                                  | 1 entry for Pg 13.5 conforming to UL 508                                                                   |
| Switch function                              | SPDT-DB                                                                                                    |
| Contact form                                 | Form Z                                                                                                     |
| Contact operation                            | Snap action                                                                                                |
| Contacts material                            | Silver flashed copper                                                                                      |
| Positive opening                             | Without                                                                                                    |
| Minimum torque for tripping                  | 1.4 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                               | 5 °                                                                                                        |
| Maximum displacement angle                   | 81 °                                                                                                       |
| Repeat accuracy                              | +/- 0.004 in 0.1 mm                                                                                        |
| Contact code designation                     | A600<br>Q600                                                                                               |
| [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                                | 6 °                                                                                                        |
| Type of operator                             | Spring return lever arm<br>Spring return to be ordered separately                                          |

## Environment

|                                       |                                |
|---------------------------------------|--------------------------------|
| Shock resistance                      | 30 gn                          |
| Vibration resistance                  | 10 gn (f= 10...55 Hz)          |
| NEMA degree of protection             | NEMA 1/2/4/12/13               |
| 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                | CE[RETURN]CSA[RETURN]UL listed |

## Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Height             | 17.742 cm |
| Package 1 Width              | 6.985 cm  |
| Package 1 Length             | 45.064 cm |
| Package 1 Weight             | 1.134 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>                                                                                                                                                                                                                                                                                                    |