# RSK-02

## MAIN FEATURES OF RUGGED BACKLIT SILICONE KEYBOARD

- Designed and tested to MIL-STD-810 / MIL-STD-461
- Manufactured to ISO 9001 quality system
- Waterproof (when properly installed)
- High level of corrosion resistance
- Tactile with mechanical snap feedback
- 88 Keys + Mouse Buttons
- Adjustable Backlit
- Electrical output: USB
- Panel mounted
- FSR Sensor


## PRODUCT CONFIGURATIONS

Configuration Definition: RSK-02 – XXX – XXX – XX – X – X

| Model Code | Layout | | Case Type | | Case Color | | Backlit | | Cable Type | |
|---|---|---|---|---|---|---|---|---|---|---|
| RSK-02 | TRQ | Turkish Q | PM | Panel Mounted | 00 | N/A | W | White Backlit | W | USB 3 meter cable |
| | TRF | Turkish F | C01 | Machined Aluminium Case | 01 | FED 17875 (Insignia White) | G | Green Backlit | O | No cable |
| | ENQ | English Q | C02 | Sheet Metal Case | 02 | AMS-STD-595 34094 (Camouflage Green) | | | M | Communication interface is USB 3 meters of cable D38999/26WD35PN Military type connector and TYCO/TXR40-AB00-1406A1 connector backing. |

*Upon request, the cabling can also be delivered with various military type connector configurations.
*Upon request, can be delivered in various colors and paint type configurations.
*Only panel-mounted version can be purchased without cable.

# GENERAL TECHNICAL SPECIFICATIONS

## MECHANICAL

| | |
|---|---|
| Weight | : 550 gram (+/- 10%) (For panel mounted version) |
| Key switch actuation force | : 250 gram |
| Key switch lifetime | : 500 K actuations |
| Switch contact technology | : Carbon pill |
| Material / finish | : Silicone / RAL 9005 - black, PU coating |
| Legend colour | : RAL 9016 - white |

## ELECTRICAL

| | |
|---|---|
| Output | : USB |
| Supply voltage | : 5 V D.C |
| Supply current | : 500 mA |
| Maximum cable length | : 3 meters |

## ENVIRONMENTAL

| | |
|---|---|
| Temperature range | : MILSTD-810G Operating -32C to +63C / Storage -40C to +70C |
| Thermal shock | : MILSTD-810G Method 503.5 Procedure 1B |
| Humidity | : MIL-STD-810G Method 507.5, Procedure II, Fig. 507.5-7 |
| Salt fog | : MIL-STD-810G Method 509.5 |
| Sand and dust | : MIL-STD-810G Method 510.5 Procedure I |
| Vibration | : MIL-STD-810G Method 514.6, Procedure I Category 20<br>MIL-STD-167-1 Type I |
| Shock | : MIL-STD-810G Method 516.6, Procedure I (Functional);<br>three axis 40g 11ms, (terminal) |
| Rain | : MIL-STD-810G Method 506.5 Procedure I |
| LOW pressure | : MIL-STD-810G Method 500.5, Procedure II |
| ESD | : DO160 SECTION25 |
| EMI/EMC | : MIL-STD-461F CE102, CS101, CS114, CS115, CS116,<br>RE101, RE102, RS101, RS103 (Ground Army Limits) |