

TKF-085a-OEM



Cat.-No.	Product Name	
KF8226	TKS-085a-OEM-PS/2-US	PS/2; US-Layout
Other language versions/interfaces/configuration available on request		

Modular Industrial Keyboards - OEM Version

- OEM-version without front panel
- Integrated electronic controller
- Reverse side adhesive for easy integration
- To be delivered with cable

Specification:

Number of Keys:	85
Keyswitch Technology:	gold-contact-metal-domes on old contact PCB
Actuation Force/Travel:	2 N / 0.3 mm
Keyswitch Lifetime:	1 Mio. operations
Protection Level:	IP65; NEMA 4x (frontside)
Electronic Interfaces:	PS/2; USB
Connector:	6-pin MiniDIN; USB-A

TKH-TB38b-FP/ TKH-TOUCHb-FP

NEW



Cat.-No.	Product Name	
KH2003	TKH-TB38b-FP-PS/2	PS/2; US-Layout
KH2004	TKH-TB38b_FP-USB	USB; US-Layout
KH2007	TKH-TOUCH-FP-PS/2	PS/2; US-Layout
KH2008	TKH-TOUCH-FP-USB	USB; US-Layout

Modular Industrial Keyboards and Pointing Devices - 19" Rack Version

- The addition of the modular keyboard family
- Trackball modules with 38 mm ball-diameter
- Precise positioning with the trackball
- Capacitive touchpad with fully sealed frontside

Specification:

Dimensions:	106.4 (21 TE) x 128.4 (3 HE) x 15/50 mm 4.188" x 5.055" x 0.590" x 1.968"
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Specification Trackball/Touchpad:

see page 30

Available Modules:

- Keyboard with 85 keys
- 38 mm trackball
- Capacitive touchpad

MIT - The 19" Rack Versions

TKF-085b-FP

Modular Industrial Keyboards - 19" Rack Version

- The modular keyboard family for various applications
- Excellent tactile feedback
- Various language versions available on request
- Suitable to all kind of 19"-application
- A suitable pointing device available for every application
- Convenient, exact handling with the trackball
- Complete sealed frontside with the touchpad

Specification Keyboard :

Number of Keys: 85
 Keyswitch Technology: gold-on-gold-contact with metal domes
 Actuation Force/Travel: 2 N / 0.3 mm
 Keyswitch Lifetime: 1 Mio. operations
 Protection Level: IP65; NEMA 4x (frontside)
 Electronic Interfaces: PS/2; USB
 Connector: 6-pin MiniDIN; USB-A
 Dimensions: 263.9 (52 TE) x 128.4 (3 HE) x 20 mm
 10.389" x 5.055" x 0.787"
 Operating Temperature: 0 °C to 50 °C
 Frontpanel-Material: PCB material, FR4



Cat.-No.	Product Name	
KF2011	TKF-085b-FP-PS/2-US	PS/2; US-Layout
KF2013	TKF-085b-FP-USB-US	USB; US-Layout
Other language versions/interfaces/configuration available on request		

TKF-085b-TOUCH-FP

Modular Industrial Keyboards - 19" Rack Version

- The addition of the modular keyboard family
- Trackball modules with 38 mm ball-diameter
- Precise positioning with the Trackball
- Capacitive touchpad with fully sealed frontside
- Precise tracking
- Cost-effective

Specification:

Dimensions: 106.4 (21 TE) x 128.4 (3 HE) x 15/50 mm
 4.188" x 5.055" x .590" x 1.968"

Specification Keyboard:

see above

Specification Touchpad:

see page 30

Available Modules:

Keyboard with 85 keys
 38 mm Trackball
 Capacitive Touchpad



Cat.-No.	Product Name	
KF2041	TKF-085b-TOUCH-FP-PS/2-US	PS/2; US-Layout
KF2043	TKF-085b-TOUCH-FP-USB-US	USB; US-Layout
Other language versions/interfaces/configuration available on request		

TKF-085b-MODUL

NEW



Cat.-No.	Product Name	
KF2001	TKF-085b-MODUL-PS/2-US	PS/2; US-Layout
KF2003	TKF-085b-MODUL-USB-US	USB; US-Layout

Other language versions/interfaces/configuration available on request

Modular Industrial Keyboards and Pointing Devices - The Panel Versions

- The modules of the MIT family with reverse side studs
- Compact size layout, small outer dimensions
- Easy integration in your system
- 38mm-trackball module for precise positioning
- Convenient, precise handling with the trackball
- Keyboard and touchpad with fully sealed frontside

Specification:

Number of Keys: 85 / 17
 Keyswitch Technology: gold-on-gold-contact with metal domes
 Actuation Force/Travel: 2 N / 0.3 mm
 Keyswitch Lifetime: 1 Mio. operations
 Protection Level: IP65; NEMA 4x (frontside)
 Electronic Interfaces: PS/2; USB
 Connector: 6-pin MiniDIN; USB-A
 Dimensions TKF-085: 274 x 135 x 20 mm
 10.787" x 5.314" x 0.787"
 Operating Temperature: 0 °C to 50 °C
 Frontpanel Material: PCB-material, FR4

TKH-TB38b-MODUL

NEW



Cat.-No.	Product Name	
KH2005	TKH-TB38b-MODUL-PS/2	38 mm Trackball; PS/2
KH2006	TKH-TB38b-MODUL-USB	38 mm Trackball; USB

Specification TKH-TB38b:

Ball diameter: 38 mm (1.5")
 Actuation Force: 50 g
 Keyswitch Lifetime: > 6 Mio. ball revolutions
 Protection Level: IP65 static, IP54 dynamic; NEMA 3
 Electronic Interfaces: PS/2; USB
 Connector: 6-pin MiniDIN; USB-A
 Dimensions: 110 x 135 x 30 mm
 4.330" x 5.314" x 1.181"
 Operating Temperature: 0 °C to 50 °C
 Frontpanel Material: PCB-material, FR4

TKH-TOUCHb-MODUL

NEW



Cat.-No.	Product Name	
KH2009	TKH-TOUCHb-MODUL-PS/2	Touchpad; PS/2
KH2010	TKH-TOUCHb-MODUL-USB	Touchpad; USB

Specification TKH-TOUCHb:

Motion Detection Method: capacitive
 Resolution: 40 counts / mm
 Protection Level: IP65; NEMA 4x (frontside)
 Electronic Interfaces: PS/2; USB
 Connector: 6-pin MiniDIN; USB-A
 Dimensions: 110 x 135 x 20 mm
 4.330" x 5.314" x 0.787"
 Operating Temperature: 0 °C to 50 °C
 Frontpanel Material: PCB-material, FR4

MIT - The Panel Versions

TKF-085b-TB38b-MODUL

Modular Industrial Keyboards with integrated Pointing Device - Panel Versions

- Keyboard with different pointing devices available
- Integrated solution
- Simple integration with studs on the reverse side
- Convenient, precise handling with the trackball
- Frontside is fully sealed
- Frontfoil with full-embossing for excellent tactile feedback
- Compact size layout, small footprint
- Various language versions available on request

Specification Keyboard:

Number of Keys: 85
 Keyswitch Technology: gold-on-gold-contact with metal domes
 Actuation Force/Travel: 2 N / 0.3 mm
 Keyswitch Lifetime: 1 Mio. operations
 Protection Level: IP65; NEMA 4x (frontside)
 Electronic Interfaces: PS/2; USB
 Connector: 6-pin MiniDIN; USB-A
 Dimensions: 365 x 135 x 30 mm
 14.37" x 5.31" x 1,18"
 Operating Temperature: 0 °C to 50 °C
 Frontpanel Material: PCB-material, FR4

Specification Trackball:

see page 30



Cat.-No.	Product Name	
KF2021	TKF-085b-TB38-MODUL-PS/2	PS/2; US-Layout
KF2023	TKF-085b-TB38-MODUL-USB	USB; US-Layout
Other language versions/interfaces/configuration available on request		

TKF-085b-TOUCHb-MODUL

Modular Industrial Keyboards with integrated Pointing Device - Panel Versions

- Keyboard with different pointing devices available integrated solution
- Simple integration with studs on the reverse side
- Convenient, precise handling with the trackball
- Frontside is fully sealed with touchpad
- Frontfoil with full-embossing for excellent tactile feedback
- Compact size layout, small footprint
- Various language versions available on request

Specification Keyboard:

Number of Keys: 85
 Keyswitch Technology: gold-on-gold-contact with metal domes
 Actuation Force/Travel: 2 N / 0.3 mm
 Keyswitch Lifetime: 1 Mio. operations
 Protection Level: IP65; NEMA 4x (frontside)
 Electronic Interfaces: PS/2; USB
 Connector: 6-pin MiniDIN; USB-A
 Dimensions: 365 x 135 x 20 mm
 14.37" x 5.31" x 7,87"
 Operating Temperature: 0 °C to 50 °C
 Frontpanel Material: PCB-material, FR4

Specification Touchpad:

see page 30



Cat.-No.	Product Name	
KF2031	TKF-085b-TOUCH-MODUL-PS/2	PS/2; US-Layout
KF2033	TKF-085b-TOUCH-MODUL-USB	USB; US-Layout
Other language versions/interfaces/configuration available on request		