

TKS-088a-TOUCH-KGEH



Features and benefits:

- Integrated capacitive touchpad
- Highly reliable OMRON mechanical switches
- Positive tactile feedback and key embossing
- PS/2 and USB compatible
- Suitable for use 19 inch 1U drawer units
- Desktop version with ergonomic design
- Rugged construction for reliable functionality
- Chemical, abrasion and scratch resistant frontsheet
- > IP65 (NEMA 4x) sealing
- > 3 million operations per key
- Activation force 2.6 N, key travel 0,3 mm
- Customisation available on request

Specification Keyboard

Number of Keys: 104
 Keyswitch Technology: short travel keys
 Actuation Force/ -Travel: 2.6 N / 0.3 mm
 Keyswitch Lifetime: 3 mil. operations
 Protection Level: IP65; NEMA 4x
 Mounting Type: desktop
 Dimensions: 372 x 182 x 34 mm
 14.645" x 7.165" x 1.34"
 Weight: 1400 g
 Operating Temperature: -40 °C to +90 °C;
 -40 °F to +194 °F
 Enclosure Material: polystyrene

Specification Touchpad

Motion Detection
 Method: capacitive
 Resolution: 40 counts / mm

Cat.-No.	Product Name
KS07206	TKS-088a-TOUCH-KGEH-PS/2-US PS/2; US-Layout
KS09510	TKS-088a-TOUCH-KGEH-USB-US USB; US-Layout
Other language versions/interfaces/configuration available on request	



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TKS-088a-TB38-KGEH



Features and benefits:

- Integrated 38 mm industrial trackball
- Highly reliable OMRON mechanical switches
- Positive tactile feedback and key embossing
- PS/2 and USB compatible
- Suitable for use 19 inch 1U drawer units
- Desktop version with ergonomic design
- Rugged construction for reliable functionality
- Chemical, abrasion and scratch resistant frontsheet
- > IP65 (NEMA 4x) sealing
- > 3 million operations per key
- Actuation force 2.6 N, key travel 0,3 mm
- Customisation available on request

Specification Keyboard

Number of Keys: 104
 Keyswitch Technology: short travel keys
 Actuation Force/ -Travel: 2.6 N / 0.3 mm
 Keyswitch Lifetime: 3 mil. operations
 Protection Level: IP65; NEMA 4x
 Mounting Type: desktop
 Dimensions: 372 x 182 x 40 mm
 14.645" x 7.165" x 1.575"
 Weight: 1500 g
 Operating Temperature: -40 °C to +90 °C;
 -40 °F to +194 °F
 Enclosure Material: polystyrene

Specification Trackball

Ball Diameter: 38 mm / 1.5"
 Actuation Force : 50 g
 Trackball Lifetime: > 6 mil. revolutions
 Protection Level: IP65 static;
 IP54 dynamic;
 NEMA 3 (frontside)

Cat.-No.	Product Name	
KS08261	TKS-088a-TB38-KGEH-PS/2-US	PS/2; US-Layout
KS09508	TKS-088a-TB38-KGEH-USB-US	USB; US-Layout
Other language versions/interfaces/configuration available on request		



TKS-088b-TOUCH-AM-KGEH



Features and benefits:

- Antimicrobial polyester front sheet
- Kills most bacteria
- Still 99% efficiency after a simulated 15-year-use
- Compact-size version with integrated capacitive touchpad
- Highly reliable OMRON mechanical switches
- Positive tactile feedback and key embossing
- PS/2 and USB compatible
- Desktop version
- Rugged construction for reliable functionality and ergonomic design
- Chemical, abrasion and scratch resistant frontsheet
- > IP65 (NEMA 4x) sealing
- > 3 million operations per key
- Semi- or full customisation available

Specification

Number of Keys:	88
Keyswitch Technology:	short travel keys
Actuation Force/ -Travel:	2.6 N / 0.3 mm
Keyswitch Lifetime:	3 mil. operations
Protection Level:	IP65; NEMA 4x
Mounting Type:	desktop
Dimensions:	372 x 182 x 34 mm; 14.645" x 7.165" x 1.34"
Weight:	1400 g
Operating Temperature:	0 °C to +50 °C; 32 °F to 122 °F
Enclosure Material:	polystyrene

Cat.-No.	Product Name	
KS03213	TKS-088b-TOUCH-AM-KGEH-PS/2-US	PS/2; US-Layout
KS13209	TKS-088b-TOUCH-AM-KGEH-USB-US	USB; US-Layout
Other language versions/interfaces/configuration available on request		



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TKS-088a-TOUCH-MODUL



Features and benefits:

- Integrated capacitive touchpad
- Highly reliable OMRON mechanical switches
- Positive tactile feedback and key embossing
- PS/2 and USB compatible
- Panel-mount version with mounting studs
- Rugged construction for reliable functionality and ergonomic design
- Chemical, abrasion and scratch resistant frontsheet
- > IP65 (NEMA 4x) sealing
- > 3 million operations per key
- Semi- or full customisation available

Specification Keyboard

Number of Keys: 104
 Keyswitch Technology: short travel keys
 Actuation Force/ -Travel: 2.6 N / 0.3 mm
 Keyswitch Lifetime: 3 mil. operations
 Protection Level: IP65; NEMA 4x (front)
 Mounting Type: panel mount
 Dimensions: 370 x 180 x 34 mm
 14.56" x 7.08" x 2.125"
 Weight: 1400 g
 Operating Temperature: -40 °C to 90 °C;
 -40 °F to +194 °F
 Front Panel Material: aluminium

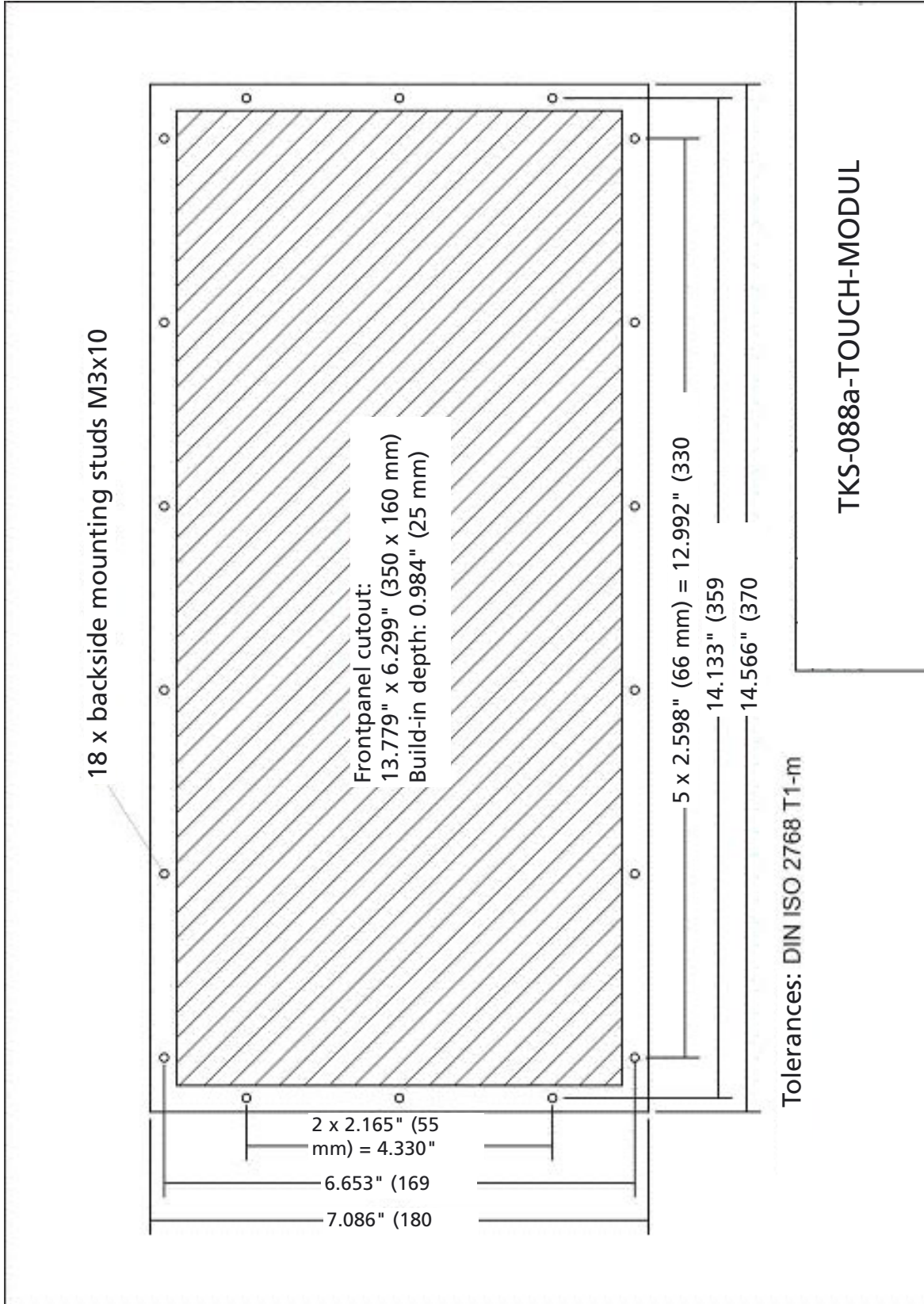
Specification Touchpad

Motion Detection
 Method: capacitive
 Resolution: 40 counts / mm

Cat.-No.	Product Name	
KS07236	TKS-088a-TOUCH-MODUL-PS/2-US	PS/2; US-Layout
KS09524	TKS-088a-TOUCH-MODUL-USB-US	USB; US-Layout
KY02001	TKS-088a/104a-MODUL-SCHABLONE	Template
Other language versions/interfaces/configuration available on request		



TKS-088a-TOUCH-MODUL



TKS-088a-TB38-MODUL



Features and benefits:

- Integrated 38 mm industrial trackball
- Highly reliable OMRON mechanical switches
- Positive tactile feedback and key embossing
- PS/2 and USB compatible
- Panel-mount version with mounting studs
- Rugged construction for reliable functionality and ergonomic design
- Chemical, abrasion and scratch resistant frontsheet
- > IP65 (NEMA 4x) sealing
- > 3 million operations per key
- Semi- or full customisation available

Specification Keyboard

Number of Keys: 104
 Keyswitch Technology: short travel keys
 Actuation Force/ -Travel: 2.6 N / 0.3 mm
 Keyswitch Lifetime: 3 mil. operations
 Protection Level: IP65; NEMA 4x (front)
 Mounting Type: panel mount
 Dimensions: 370 x 180 x 54 mm
 14.56" x 7.08" x 2.125"
 Weight: 1500 g
 Operating Temperature: -40 °C to 90 °C;
 -40 °F to +194 °F
 Front Panel Material: aluminium

Specification Trackball

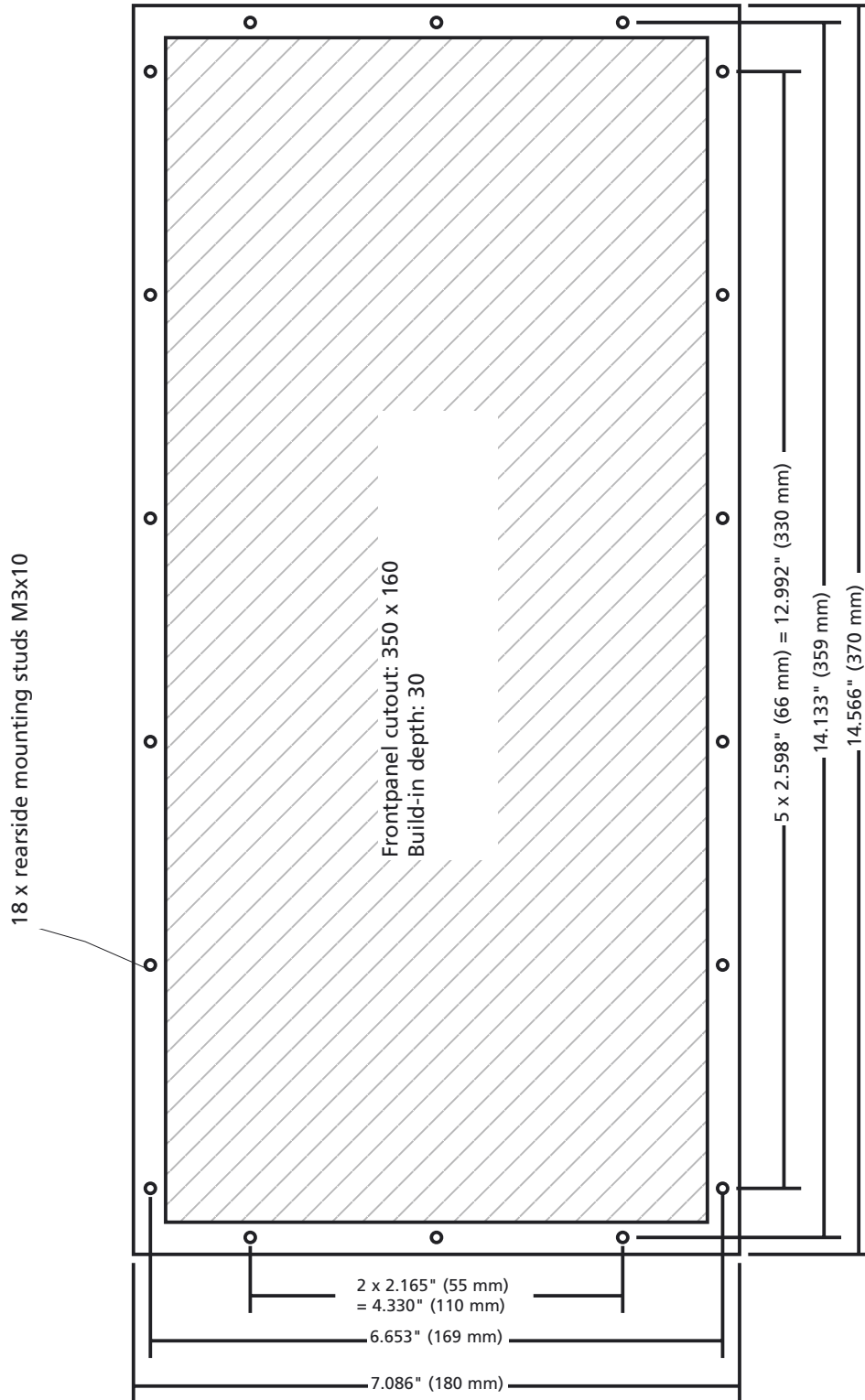
Ball Diameter: 38 mm / 1.5"
 Actuation Force : 50 g
 Trackball Lifetime: > 6 mil. revolutions
 Protection Level: IP65 static;
 IP54 dynamic;
 NEMA 3 (frontside)

Cat.-No.	Product Name	
KS08312	TKS-088a-TB38-MODUL-PS/2-US	TB38; PS/2; US-Layout
KS09520	TKS-088a-TB38-MODUL-USB-US	TB38; USB; US-Layout
KY02001	TKS-088a/104a-MODUL-SCHABLONE	Template
Other language versions/interfaces/configuration available on request		



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TKS-088a-TB38-MODUL



Tolerances: DIN ISO 2768 T1-m

TKS-088a-TB38-MODUL

TKS-104a-KGEH

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Features and benefits:

- Highly reliable OMRON mechanical switches
- Positive tactile feedback and key embossing
- PS/2 and USB compatible
- Suitable for use 19 inch 1U drawer units
- Desktop version
- Rugged construction for reliable functionality
- Chemical, abrasion and scratch resistant frontsheet
- Ergonomic design
- > IP65 (NEMA 4x) sealing
- > 3 million operations per key
- Actuation force 2.6 N, key travel 0,4 mm
- Customisation available on request

Specification

Number of Keys:	104
Keyswitch Technology:	short travel keys
Actuation Force/ -Travel:	2.6 N / 0.3 mm
Keyswitch Lifetime:	3 mil. operations
Protection Level:	IP65; NEMA 4x
Mounting Type:	desktop
Dimensions:	372 x 182 x 34 mm; 14.645" x 7.165" x 1.34"
Weight:	1300 g
Operating Temperature:	-40 °C to +90 °C; -40 °F to +194 °F
Enclosure Material:	polystyrene

Cat.-No.	Product Name
KS07201	TKS-104a-KGEH-PS/2-US PS/2; US-Layout
KS09506	TKS-104a-KGEH-USB-US USB; US-Layout
Other language versions/interfaces/configuration available on request	



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TKS-104a-MODUL

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Features and benefits:

- Highly reliable OMRON mechanical switches
- Positive tactile feedback and key embossing
- PS/2 and USB compatible
- Panel-mount version with mounting studs
- Rugged construction for reliable functionality and ergonomic design
- Chemical, abrasion and scratch resistant frontsheet
- > IP65 (NEMA 4x) sealing
- > 3 million operations per key
- Semi- or full customisation available

Specification

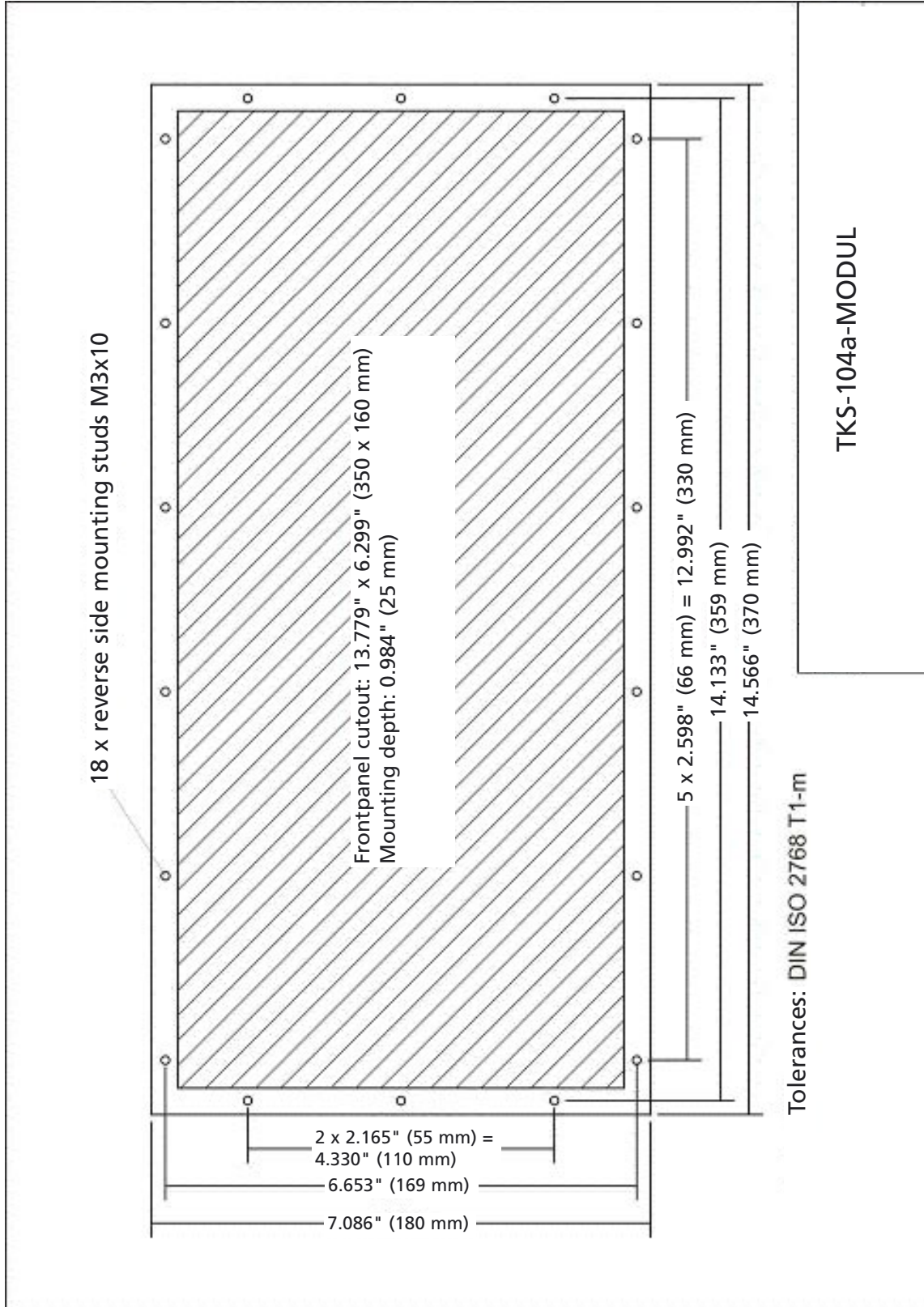
Number of Keys:	104
Keyswitch Technology:	short travel keys
Actuation Force/ -Travel:	2.6 N / 0.3 mm
Keyswitch Lifetime:	3 mil. operations
Protection Level:	IP65; NEMA 4x (front)
Mounting Type:	panel mount
Dimensions:	370 x 180 x 23 mm; 14.56" x 7.08" x 0.905"
Weight:	1400 g
Operating Temperature:	-40 °C to 90 °C; -40 °F to +194 °F
Front Panel Material:	aluminium

Cat.-No.	Product Name	
KS07231	TKS-104a-MODUL-PS/2-US	PS/2; US-Layout
KS09512	TKS-104a-MODUL-USB-US	USB; US-Layout
KY02001	TKS-088a/104a-MODUL-SCHABLONE	Template
Other language versions/interfaces/configuration available on request		

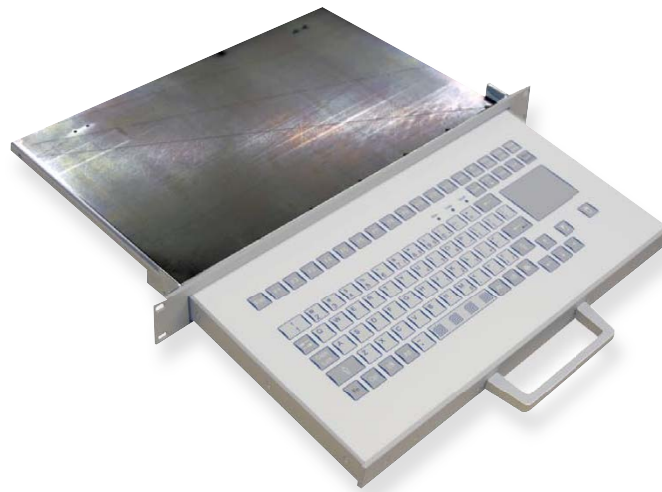


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TKS-104a-MODUL



TKS-088a-TOUCH-SCHUBL



Features and benefits:

- Compact-size version with integrated capacitive touchpad in a 19" drawer
- Highly reliable OMRON mechanical switches
- Positive tactile feedback and key embossing
- PS/2 and USB compatible
- Rack-mounting with mounting holes
- Rugged construction for reliable functionality and ergonomic design
- Chemical, abrasion and scratch resistant frontsheet
- > IP65 (NEMA 4x) sealing
- > 3 million operations per key
- Semi- or full customisation available

Specification

Number of Keys: 104
 Keyswitch Technology: short travel keys
 Actuation Force/ -Travel: 2.6 N / 0.3 mm
 Keyswitch Lifetime: 3 mil. operations
 Protection Level: IP65 (front); NEMA 4
 Mounting Type: 19" rack mount
 Dimensions: 482.6 x 43.5 x 280 mm
 (19"; 1U)
 19" x 1.71" x 11.02"
 Weight: 5000 g
 Operating Temperature: 0 °C to +50 °C
 32 °F to 122 °F

Specification Touchpad

Motion Detection
 Method: capacitive
 Resolution: 40 counts / mm

Cat.-No.	Product Name	
KS07421	TKS-088a-TOUCH-SCHUBL-PS/2-US	PS/2; US-Layout
KS09530	TKS-088a-TOUCH-SCHUBL-USB-US	USB; US-Layout
Other language versions/interfaces/configuration available on request		



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TKS-104a-SCHUBL

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Features and benefits:

- The compact-size versions in a 19" drawer
- Highly reliable OMRON mechanical switches
- Positive tactile feedback and key embossing
- PS/2 and USB compatible
- Rack-mounting with mounting holes
- Rugged construction for reliable functionality and ergonomic design
- Chemical, abrasion and scratch resistant frontsheet
- > IP65 (NEMA 4x) sealing
- > 3 million operations per key
- Semi- or full customisation available

Specification

Number of Keys: 104
 Keyswitch Technology: short travel keys
 Actuation Force/ -Travel: 2.6 N / 0.3 mm
 Keyswitch Lifetime: 3 mil. operations
 Protection Level: IP65 (front); NEMA 4
 Mounting Type: 19" rack mount
 Dimensions: 482.6 x 43.5 x 280 mm (19"; 1U); 19" x 1.71" x 11.02"
 Weight: 5000 g
 Operating Temperature: -40 °C to 90 °C; -40 °F to +194 °F

Cat.-No.	Product Name	
KS07426	TKS-104a-SCHUBL-PS/2-US	PS/2; US-Layout
KS09528	TKS-104a-SCHUBL-USB-US	USB; US-Layout
Other language versions/interfaces/configuration available on request		



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