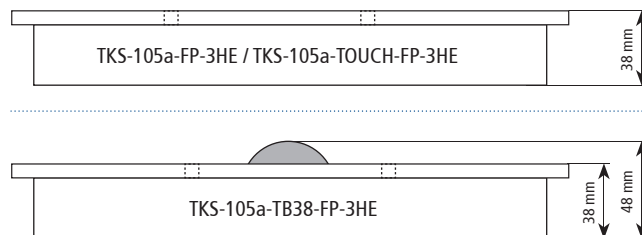IP 65

Front Mounting
3-RU Mounting height

TKS-105a-FP-3HE
Those keyboards are ideally suited for the installation into the 19″ systems. While 19″ refers to the width of the device, one rack unit (RU) means 44.45 mm. This device possesses 3 RU = 133.35 mm.

TKS-105a-TB38-FP-3HE and TKS-105a-TOUCH-FP-3HE
These models are the variations with integrated pointing devices. Therefore they are ideally suited for the installation into 19″ systems, where the functionality of a mouse is required in addition.

Side views:

TKS-105a-FP-3HE / TKS-105a-TOUCH-FP-3HE — 38 mm

TKS-105a-TB38-FP-3HE — 38 mm / 48 mm

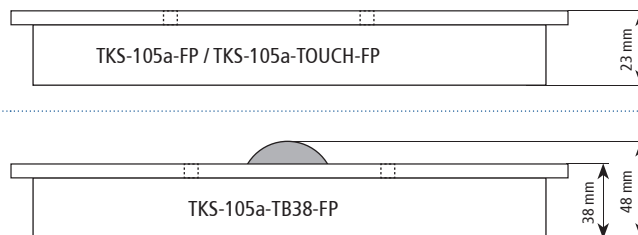**Front Mounting**
4-RU Mounting height

TKS-105a-FP
Being technically identical with the TKS-105a-FP-3HE, this keyboard product family offers all features of a rugged industrial short travel keyboard with a front panel height of 4 RU - perfectly tailored to standardised 19″ switch cabinets.

TKS-105a-TB38-FP and TKS-105a-TOUCH-FP
These models are the variations with integrated pointing devices.

Side views:

TKS-105a-FP / TKS-105a-TOUCH-FP — 23 mm

TKS-105a-TB38-FP — 38 mm / 48 mm

Cassette Mounting
3-RU Mounting height

TKS-030-FP
In addition to the integration method, you receive – with the same key layout – the model of the TKS-030-FP with mounting holes for the integration in 19-inch standard drawers as displayed here. This compact layout version consists of 30 keys.

Side views:

TKS-030-FP — 16 mm

Technical data: front panel versions (FP)

Switching technology:	short travel keys	Mounting type:	19" front panel with boreholes
Switching force:	2.6 N	Front panel material:	aluminium
Switch travel:	0.3 mm	Operating temp.:	-25 °C to +70 °C [1]
Switching cycles:	approx. 1 Mio. (per key)	Storage temp.:	-25 °C to +80 °C

Cat.No.	Product description	Pointing device[1]	Protection level	Dimensions (mm)	Weight
3-RU Mounting Height					
KS09404	TKS-105a-FP-3HE-PS/2-US	none	IP65	482.6 x 133.5 (3 RU) x 38.0	900 g
KS09461	TKS-105a-FP-3HE-USB-US	none	IP65	482.6 x 133.5 (3 RU) x 38.0	900 g
KS09204	TKS-105a-TB38-FP-3HE-PS/2-US	Trackball, 38 mm	IP65[3]	482.6 x 133.5 (3 RU) x 38.0	1000 g
KS09474	TKS-105a-TB38-FP-3HE-USB-US	Trackball, 38 mm	IP65[3]	482.6 x 133.5 (3 RU) x 38.0	1000 g
KS09405	TKS-105a-TOUCH-FP-3HE-PS/2-US	Touchpad	IP65	482.6 x 133.5 (3 RU) x 38.0	900 g
KS09482	TKS-105a-TOUCH-FP-3HE-USB-US	Touchpad	IP65	482.6 x 133.5 (3 RU) x 38.0	900 g
4-RU Mounting Height					
KS07221	TKS-105a-FP-PS/2-US	none	IP65	482.6 x 177.8 (4 RU) x 23.0	1200 g
KS09457	TKS-105a-FP-USB-US	none	IP65	482.6 x 177.8 (4 RU) x 23.0	1200 g
KS08304	TKS-105a-TB38-FP-PS/2-US	Trackball, 38 mm	IP65[3]	482.6 x 177.8 (4 RU) x 48.0	1300 g
KS09470	TKS-105a-TB38-FP-USB-US	Trackball, 38 mm	IP65[3]	482.6 x 177.8 (4 RU) x 48.0	1300 g
KS01205	TKS-105a-TB50oF80-FP-PS/2-US	Trackball, 50 mm[2]	IP65[3]	482.6 x 177.8 (4 RU) x 48.0	1600 g
KS01207	TKS-105a-TB50oF80-FP-USB-US	Trackball, 50 mm[2]	IP65[3]	482.6 x 177.8 (4 RU) x 48.0	1600 g
KS07226	TKS-105a-TOUCH-FP-PS/2-US	Touchpad	IP65	482.6 x 177.8 (4 RU) x 23.0	1200 g
KS09478	TKS-105a-TOUCH-FP-USB-US	Touchpad	IP65	482.6 x 177.8 (4 RU) x 23.0	1200 g
3-RU Compact Layout					
KS08460	TKS-030-FP-PS/2-US	none	IP65	128.6 x 111.6 x 16.0	200 g
KS08464	TKS-030-FP-USB-US	none	IP65	128.6 x 111.6 x 16.0	200 g

Other layouts, configurations and interfaces on request

[1] Keyboards with pointing device: 0 °C to +70 °C   [2] Optical trackball   [3] IP65 (front), IP54 (dynam.)

In the technical sector, „rack" designates a frame for electrical devices which has a standardised width of 19". Therefore, the InduKey® keyboards have a front panel width of precisely 482.6 mm in order to meet the requirements of this standardisation. In case of devices of smaller dimensions, such as the TKS-030-FP, a so called cassette mounting is performed in order to appropriately incorporate the device.