

## TOUCHPAD UNIT

IP65 sealed



The SPM55 series is specially designed for harsh industrial environment applications. It is a precise and accurate cursor control device, which operates at all angles and requires no cleaning. The touchpad uses the Field Distortion Technology to sense the presence of your finger. This device is not pressure sensitive, a light touch is sufficient, tracking your fingertip precisely. A light tap on the surface activates your selection. To drag and drop, just tap twice and hold your finger down on the second tap. Drag the item wherever you want, then lift your finger to drop. To double-click just tap twice. As alternative to the here above described operation you can use the separate buttons. Carrier plates and housing are metal (aluminium and steel). The units can be directly connected to a PS/2 port or to an USB port.

### Panel mount (incl. alu carrier plate, electronics and cable)

Intended for back panel mounting into users' cabinet or panel with a minimum of required space and mounting depth. A metal cover on the backside protects the electrical parts. Operation of the touchpad is possible at all angles, from horizontal to vertical mounting position.

Dimensions / weight : 92,5 x 180 x 30 mm / 0,5 kg

### Enclosed

The SPM55S1 is housed in a steel enclosure. Because of its slim line it can directly be placed in 19" drawers of 1HU or it can be used as a stand alone desktop unit. This unit is completely dust- and waterproof up to the IP65 protection rating.

Dimensions / weight : 106 x 204 x 42 mm / 1 kg

## GENERAL TECHNICAL SPECIFICATIONS

Sealing	: IP65 static
Enclosure	: steel, pearl white finish
Carrier plate	: aluminium
Front layer	: polyester
Sensing area	: 55 x 39 mm
Tracking speed	: max. 250 mm/sec
Resolution	: 100 - 300 dpi
Lifetime	: 1 million cycles
Cable	: shielded, straight 1,6 m long
Operating temperature	: -10°C to +60°C
Storage temperature	: -20°C to +70°C
Switches	: tactile, 1,4mm travel

### CE

Compliant to EMC Directive 89/336/EEC for Electromagnetic Compatibility.  
Low Voltage Directive 73/23/EEC not applicable for our trackballs.

## CONNECTIVITY

These combo PS/2 & USB touchpad units have a 1,6 meter long shielded straight cable ended by a USB type A plug. An adaptor to PS/2 is added. No special device driver is needed, use standard available drivers of your operating system.

For optimal performance of the Touchpad feature, we recommend to download the Touchpad device driver from : [www.synaptics.com/support/downloads.cfm](http://www.synaptics.com/support/downloads.cfm)

\* Due to the increasing differences of the PS/2 mouse port specifications of the various PC manufacturers, we do recommend that this unit should be tested on the final PC configuration and operating system prior to installing it in series.

## ORDER INFO

PANEL MOUNT

SPM55N1

ENCLOSED

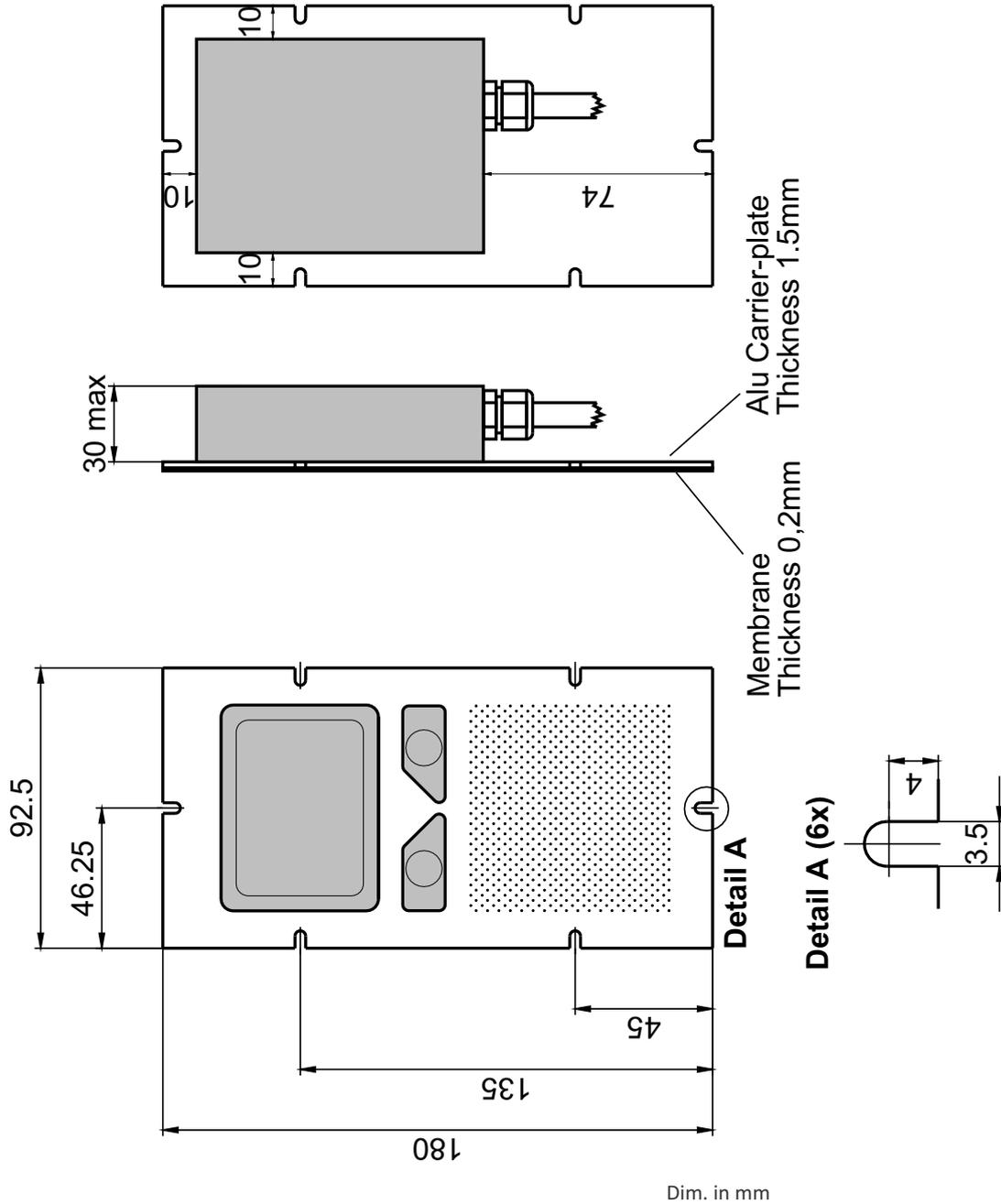
SPM55S1

Output : PS/2 & USB Combo

TOUCHPAD UNIT

DIMENSIONAL DRAWING

Panel mount version



The company reserves the right to alter without prior knowledge the specification or design of any standard product or service.