

Data sheet



## Compact Stainless-Steel MF2 Keyboard Drawer with Trackball and NUM-Block



The proven concept of the vandal-proof Ergon family of keyboards has now been extended by the Ergon MF2 keyboard and drawer.

Integrated in a drawer and designed as a compact keyboard with MF2 layout, trackball and Num-Block, it is the ideal module for front installation in switchgear cabinet doors and control enclosures.

Additionally equipped with short travel keys for use in harsh industrial environments, the keyboard and drawer design offers the customary input convenience of this established product family. Reliable data input is signalled by the pleasant tactile feedback from the keyboard keys.

Combined input options are now possible on control and visual display systems thanks to the integrated industrial 25-mm trackball (phenolic resin or stainless steel ball) and the additional numeric block.

The highlight:

The keyboard and housing are designed to offer protection class IP65 when open or closed. That means the installation space is sealed against the ingress of dust and dirt in industrial environments. And that facilitates reliable and cost-effective solutions for applications in automation engineering.

### Key-Features

- Stainless steel keyboard and drawer for professional requirements
- MF2 layout/PS2/USB connection
- 25-mm trackball/Num-Block
- Compact  
19<sup>1</sup>/<sub>2</sub> HU/135-mm installation depth
- Installs in control enclosures
- Installs in switchgear cabinet doors
- Protection class IP65, open/closed
- Optional installation kit for control enclosures
- Optional installation kit for switchgear cabinets

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With dimensions for the entire keyboard and drawer of just 2 HU (rack units) and a depth of 135 mm, space requirements are extremely low. The keyboard is supplied ready for installation in standard 19" rack control enclosures.

### Technical data

#### Construction of the Ergon ERGC4\_AUT/2/DE/USB/PS2

Dimensions (L x H x D)	482 x 88 x 135 mm
Weight	4 kg
Switching contact	Short-travel technology
Operating force	3,3 N ± 0,6
Lift of key / projection	0,34 mm/2,5 mm
Key button	Stainless steel (calendered)
Number of keys	92
Lettering	Laser/micro engraving
Service life	> 1 million switching cycles
Country layout	Standard: DE/US
Protection class:	IP65
	Keyboard and drawer
Keyboard interface	USB/PS2
Trackball connector	USB/PS2
Connection system	
USB	2,3 m connection cable
Keyboard connector	USB type A
Trackball connector	USB type A
PS2	USB/PS2 adapter
Operating temperature	-10 °C to +55 °C
Storage temperature	-25 °C to +70 °C
Angle of inclination when open	Approx. 7°
Fixing	10 x M5 nut on stud bolt
Earthing	2 x M4 with earthing strip



Featuring tactile feedback and an integrated trackball, the ergonomic stainless steel keyboard with numerical keypad is fitted to stable, smooth-gliding slide rails. The handle of the drawer doubles up as a hand wrist support for entering data. A lockable version of the keyboard drawer is optionally available.

### Options

Trackball	Stainless steel
Installation kit	Control housing Switchgear cabinet

Distinguishing features of the keyboard and drawer are its robust construction sealed to IP65 when open or closed, PS2 or USB connection for simple and reliable connection to an IPC or PC.

Plug and Play – with built-in reliability.



### Order data

Product type	Item number
Drawer and keyboard layout, DE	1500.9904749
Drawer and keyboard layout US	1500.9904787
<b>Fixing kits</b>	
Bernstein control housing	1500.9904951
Rittal control housing	1500.9904952
Rose control housing	1500.9904953
<b>Switchgear cabinet kits</b>	
Front strip, aluminum	1500.9904954
Installation frame	1500.9904955

### Dimensions

