RACK AND PANEL VERSION

»» K-LINE keyboards for integration in panel or rack.

K-LINE

K-645, K-845
Standard layout

» Built-in 4H dimension
» Fixing screws included for K-645
» Fixing studs for K-845
» Versions:
        1) PS/2 version
        2) USB version

MAIN FEATURES

» Compact keyboards with 101/102 or 104/105 OMRON B3F short-travel mechanical keyswitches
» Long lifetime: more than 1 million operations
» Actuating force: 2.55 N typically
» Switch travel: 0.3 mm typically
» PS/2 or USB standard communication protocols
» Programmable keys with enable/disable function (USB inteface only)
» Support for the Protect function (USB versions only)
» IP65 (from front side) protective membrane resistant to alcohol, diluted acids, diluted alkalis, esters, hydrocarbons, ketones and household cleaning agents
» Different national layout membranes available (US English and German as standard)
» Standard membrane colour: Pantone Warm Grey 2C
» Standard MiniDIN6 or USB type A connector for keyboard connection
» Standard PS/2 or USB pointing device (optional): trackball or touchpad
» Desktop, panel and rack-mount versions
» Operating temperature range: 0°C to + 40°C
» Operating relative humidity range: <90% (non-condensing)
» Storage temperature range: -10°C to + 50°C

PROTECTIVE MEMBRANE

» Keyboards with short-travel switches are protected by a foil with the printed layout, which is glued on top of the metal mask. The foil is made of high-quality textured polyester film and embossed with a screen-printed polyester film. It is resistant to chemicals, abrasions and scratches and has a long flex life.

Foil properties:
» Foil material: AUTOTEX® V150
» Profile texture: velvet
» Thickness: 150µm ± 10%
» Switch life: 5×10^6 flexes (typical)
» Tensile strength: 160-250 MPa

KEYSWITCHES
Short-travel keyswitch

» Type: OMRON B3F-4005
» Key travel: $0.3 \, ^{+0,2}/_{-0,1}$ mm
» Lifetime: 1×10^6 operations (minimal)
» Actuating force: 255 ± 69 cN

	Power consumption:	Dimensions:	Packaging dimensions:	Package content:
K-645	20 mATYP	482.6 x 177.8 x 42.5 mm, 1290 g	505 x 186 x 45 mm, 1475 g	keyboard, rack fixing bolts and nuts (4 pieces)
K-845	20 mATYP	482.6 x 177.8 x 42.5 mm, 1290 g	505 x 186 x 45 mm, 1475 g	keyboard