

**TKS-105a-EX-TOUCH-MODUL/MGEH**



**Features and benefits:**

- Integrated capacitive touchpad
- EX-approval II 2G, EEx ib IIC T4, DMT 01 ATEX E 177
- Available in stainless-steel enclosure or aluminium front panel
- Barrier always necessary to fulfil the EX-approvals
- Highly reliable OMRON mechanical switches
- Positive tactile feedback and key embossing
- Panel mount or housing version
- Rugged construction for reliable functionality
- Chemical, abrasion and scratch resistant frontsheet

**Specification Keyboard**

|                           |  |
|---------------------------|--|
| Number of Keys:           | 105  |
| Keyswitch Technology:     | short travel keys                          |
| Actuation Force/ -Travel: | 2,6 N / 0,3 mm                             |
| Keyswitch Lifetime:       | 3 mil. operations                          |
| Protection Level:         | IP65, NEMA 4x (frontside)                  |
| Mounting Type:            | desktop; panel mount                       |
| Electronic Interface:     | PS/2                                       |
| Dimensions: -MODUL:       | 482,6 x 177,8 x 23 mm<br>19" x 7" x 0.905" |
| -MGEH:                    | 508 x 213 x 52 mm<br>20" x 8.38" x 2.05"   |
| Weight: -MODUL:           | 1400 g                                     |
| -MGEH:                    | 5800 g                                     |
| Operating Temperature:    | 0 °C to +50 °C;<br>32 °F to 122 °F         |
| Frontplate Material:      | aluminium                                  |
| Enclosure Material:       | stainless steel                            |

**Specification Touchpad**

|                  |                |
|------------------|----------------|
| Motion Detection |                |
| Method:          | capacitive     |
| Resolution:      | 40 counts / mm |

| Cat.-No.  | Product Name  |
|---|---|
| KS09218   | TKS-105-EX-TOUCH-MODUL-US Panel version; US-Layout    |
| KS02015   | TKS-105-EX-TOUCH-MGEH-US Enclosed version; US-Layout  |
| KA09210   | TKA-EX-VERSORGUNG-TKS Barrier (Current Limiting Unit) |
| Other language versions/interfaces/configuration available on request |   |

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