



switch enclosure KP8 for KP8(F), IP65, including 2x 22.5 mm hole and KP8 cutout  
scope of supply: 1 switch enclosure, 1 set IcoTek cable sleeves

| General information                    |                                                                           |
|----------------------------------------|---------------------------------------------------------------------------|
| Product type designation               | Fixing element                                                            |
| Control elements                       |                                                                           |
| Version of actuating element           | Without, with 2x 22.5 mm blanking plugs                                   |
| With parameterizable keys              | Yes; Retrofittable with KP8 or KP8F (not included in the scope of supply) |
| Contact configuration                  | optionally retrofittable with switch, pushbutton, keyswitch, etc.         |
| Installation type/mounting             |                                                                           |
| Mounting                               | For horizontal and vertical mounting                                      |
| Mounting type                          | Backplane mounting                                                        |
| Mounting in portrait format possible   | Yes                                                                       |
| Mounting in landscape format possible  | Yes                                                                       |
| Degree and class of protection         |                                                                           |
| IP (all-round)                         | IP65                                                                      |
| Standards, approvals, certificates     |                                                                           |
| REACH                                  | Yes                                                                       |
| RoHS conformity                        | Yes; unnecessary                                                          |
| Use in hazardous areas                 |                                                                           |
| • ATEX Zone 2                          | No                                                                        |
| • ATEX Zone 22                         | No                                                                        |
| • ATEX as target device                | No                                                                        |
| • IECEx Zone 1                         | No                                                                        |
| • IECEx Zone 11                        | No                                                                        |
| • IECEx Zone 2                         | No                                                                        |
| • IECEx Zone 22                        | No                                                                        |
| • cULus Class I Zone 1                 | No                                                                        |
| • cULus Class I Zone 2, Division 2     | No                                                                        |
| • cULus Class II Division 2            | No                                                                        |
| • FM Class I Division 2                | No                                                                        |
| • FM Class II Division 2               | No                                                                        |
| Marine approval                        |                                                                           |
| • Germanischer Lloyd (GL)              | No                                                                        |
| • American Bureau of Shipping (ABS)    | No                                                                        |
| • Bureau Veritas (BV)                  | No                                                                        |
| • Det Norske Veritas (DNV)             | No                                                                        |
| • Korean Register of Shipping (KRS)    | No                                                                        |
| • Lloyds Register of Shipping (LRS)    | No                                                                        |
| • Nippon Kaiji Kyokai (Class NK)       | No                                                                        |
| • Polski Rejestr Statkow (PRS)         | No                                                                        |
| • Chinese Classification Society (CCS) | No                                                                        |

|                                                                                                                                                                                                                                                                                                 |                                                                                                        |         |                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|---------|----------------|
| • Marine approval as target device                                                                                                                                                                                                                                                              | No                                                                                                     |         |                |
| Ambient conditions                                                                                                                                                                                                                                                                              |                                                                                                        |         |                |
| Suited for indoor use                                                                                                                                                                                                                                                                           | Yes                                                                                                    |         |                |
| Suited for outdoor use                                                                                                                                                                                                                                                                          | No; possible under certain conditions                                                                  |         |                |
| Ambient temperature during operation                                                                                                                                                                                                                                                            |                                                                                                        |         |                |
| • min.                                                                                                                                                                                                                                                                                          | 0 °C; Operating temperature KP8 or KP8F must always be maintained                                      |         |                |
| • max.                                                                                                                                                                                                                                                                                          | 40 °C; Operating temperature KP8 or KP8F must always be maintained                                     |         |                |
| Ambient temperature during storage/transportation                                                                                                                                                                                                                                               |                                                                                                        |         |                |
| • min.                                                                                                                                                                                                                                                                                          | -20 °C                                                                                                 |         |                |
| • max.                                                                                                                                                                                                                                                                                          | 70 °C                                                                                                  |         |                |
| Relative humidity                                                                                                                                                                                                                                                                               |                                                                                                        |         |                |
| • Operation, max.                                                                                                                                                                                                                                                                               | 90 %                                                                                                   |         |                |
| • Condensation permissible                                                                                                                                                                                                                                                                      | No; Condensation not permissible                                                                       |         |                |
| Mechanics/material                                                                                                                                                                                                                                                                              |                                                                                                        |         |                |
| Material                                                                                                                                                                                                                                                                                        | aluminum                                                                                               |         |                |
| • Aluminum                                                                                                                                                                                                                                                                                      | Yes; Powder-coated                                                                                     |         |                |
| Dimensions                                                                                                                                                                                                                                                                                      |                                                                                                        |         |                |
| Width                                                                                                                                                                                                                                                                                           | 259 mm                                                                                                 |         |                |
| Height                                                                                                                                                                                                                                                                                          | 128 mm                                                                                                 |         |                |
| Depth                                                                                                                                                                                                                                                                                           | 90 mm                                                                                                  |         |                |
| Scope of supply                                                                                                                                                                                                                                                                                 |                                                                                                        |         |                |
| Delivery quantity in pieces                                                                                                                                                                                                                                                                     | 1; Bopla #115234 aluminum enclosure                                                                    |         |                |
| Components included                                                                                                                                                                                                                                                                             | 1x Icotek cable entry KEL-ER B4 incl. various grommets                                                 |         |                |
| Other                                                                                                                                                                                                                                                                                           |                                                                                                        |         |                |
| Merchandise                                                                                                                                                                                                                                                                                     | Yes                                                                                                    |         |                |
| Manufacturer name                                                                                                                                                                                                                                                                               | Wittwer Industrielle Elektronik                                                                        |         |                |
| Manufacturer's address                                                                                                                                                                                                                                                                          | Hembacher Straße 4, 90592 Schwarzenbruck-Lindelburg, Germany                                           |         |                |
| contacting the manufacturer                                                                                                                                                                                                                                                                     | Email: info@wittwer.com                                                                                |         |                |
| Target devices                                                                                                                                                                                                                                                                                  | Suitable for the installation of KP8, KP8F, do not exceed the maximum operating temperature of the KP! |         |                |
| Note:                                                                                                                                                                                                                                                                                           | IP65 can only be attained if a key panel and a cable entry are properly installed.                     |         |                |
| Classifications                                                                                                                                                                                                                                                                                 |                                                                                                        |         |                |
|                                                                                                                                                                                                                                                                                                 |                                                                                                        | Version | Classification |
|                                                                                                                                                                                                                                                                                                 | eClass                                                                                                 | 16      | 27-33-02-92    |
|                                                                                                                                                                                                                                                                                                 | eClass                                                                                                 | 14      | 27-33-02-92    |
|                                                                                                                                                                                                                                                                                                 | eClass                                                                                                 | 12      | 27-33-02-92    |
|                                                                                                                                                                                                                                                                                                 | eClass                                                                                                 | 9.1     | 27-33-02-92    |
|                                                                                                                                                                                                                                                                                                 | eClass                                                                                                 | 9       | 27-33-02-92    |
|                                                                                                                                                                                                                                                                                                 | eClass                                                                                                 | 8       | 27-24-92-03    |
|                                                                                                                                                                                                                                                                                                 | eClass                                                                                                 | 7.1     | 27-24-92-03    |
|                                                                                                                                                                                                                                                                                                 | eClass                                                                                                 | 6       | 27-24-92-03    |
|                                                                                                                                                                                                                                                                                                 | ETIM                                                                                                   | 10      | EC002584       |
|                                                                                                                                                                                                                                                                                                 | ETIM                                                                                                   | 9       | EC002584       |
|                                                                                                                                                                                                                                                                                                 | ETIM                                                                                                   | 8       | EC002584       |
|                                                                                                                                                                                                                                                                                                 | ETIM                                                                                                   | 7       | EC002584       |
|                                                                                                                                                                                                                                                                                                 | IDEA                                                                                                   | 4       | 3552           |
|                                                                                                                                                                                                                                                                                                 | UNSPSC                                                                                                 | 15      | 32-15-17-03    |
| Further information                                                                                                                                                                                                                                                                             |                                                                                                        |         |                |
| Usable in the following products: Detailed information can be found in the cross-list, which is available for download in the following SIOS note: 40466415                                                                                                                                     |                                                                                                        |         |                |
| <a href="https://support.industry.siemens.com/cs/document/40466415/status-of-the-simatic-hmi-accessories-and-cross-list-update?dti=0&amp;lc=en-WW">https://support.industry.siemens.com/cs/document/40466415/status-of-the-simatic-hmi-accessories-and-cross-list-update?dti=0&amp;lc=en-WW</a> |                                                                                                        |         |                |

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