



**Mechanism-holder unit  
IP66 with manual lock  
and French socket  
outlet stainless steel  
Simon K45**

Ref.: **KSE2/23/72**

## BASIC INFORMATION

|                                                    |                                                                                                                                                                                                |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Version                                            | 1 element                                                                                                                                                                                      |
| Number of modules                                  | 2 modules                                                                                                                                                                                      |
| Intensity                                          | 16 A                                                                                                                                                                                           |
| Voltage                                            | 250 V~                                                                                                                                                                                         |
| Number of sockets                                  | 1 socket for standard current circuits                                                                                                                                                         |
| Format                                             | Francesa                                                                                                                                                                                       |
| Type of terminal connection                        | Screw                                                                                                                                                                                          |
| Number of terminals                                | 3 inputs / outputs                                                                                                                                                                             |
| Number of connections per terminal                 | 2 connections per terminal (1 input / 1 output)                                                                                                                                                |
| Type of mechanism                                  | Insertion                                                                                                                                                                                      |
| Indicator function                                 | No                                                                                                                                                                                             |
| Finish                                             | Stainless Steel                                                                                                                                                                                |
| Available in                                       | Empty IP66 brass mechanism-holder unit to complete with solutions from the K45 range, with socket plug and housing for an RJ45 connector, and combination of a socket plug with RJ45 connector |
| Expandable                                         | No                                                                                                                                                                                             |
| KIT availability                                   | No                                                                                                                                                                                             |
| Number of cover opening positions                  | Sí                                                                                                                                                                                             |
| Protection against entry of dust and small objects | Yes, when the mechanism-holder unit is not in use, the cover can be hermetically sealed.                                                                                                       |

|                    |                                                                                                                                                                                   |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Packaging contents | IP66 mechanism-holder unit with manual lock, square sealing gasket for IP66 tray, 1 French socket plug, 4 screws for fastening the mechanism-holder unit, and installation manual |
| Remarks            | The cover has anchor points that protect the connections during use against pressures and stresses due to the passage of personnel.                                               |

## Technical information

|                           |                                                                                                                                                                                                           |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dimensions                | 130 x 130 mm                                                                                                                                                                                              |
| Depth                     | 55 mm                                                                                                                                                                                                     |
| Maximum load              | 1,000 kg                                                                                                                                                                                                  |
| Flip-up cover dimensions  | Ø100 mm                                                                                                                                                                                                   |
| Cable section admitted    | 1.5 to 2.5 mm                                                                                                                                                                                             |
| Cable stripping necessary | 12 mm                                                                                                                                                                                                     |
| Heat resistance           | +70°C (according to standard IEC 60670)                                                                                                                                                                   |
| Extinguishing             | +650°C (according to standard IEC 60670)                                                                                                                                                                  |
| Insulation resistance     | >5 MOhm at 500 V                                                                                                                                                                                          |
| Dielectric strength       | Without perforation or contournement with 2000 V at 50H during 1 minute                                                                                                                                   |
| IP rating                 | 66                                                                                                                                                                                                        |
| IK Classification         | 7 with IP66 - 8 with IP65                                                                                                                                                                                 |
| Manufacturing material    | AISI 304 stainless steel mechanism-holder unit on self-extinguishing halogen-free thermoplastic plinth that guarantees no flame spread in case of fire and low toxicity in the event of smoke generation. |
| Type of product           | Standard                                                                                                                                                                                                  |
| Market available          | CE                                                                                                                                                                                                        |

## Regulations

|             |                                                                                         |
|-------------|-----------------------------------------------------------------------------------------|
| Regulations | Directive 2014/35/UE LVD + Directive 2011/65/UE RoHS + EN 50581:2012 + EN 60670-23:2008 |
|-------------|-----------------------------------------------------------------------------------------|

## Installation and maintenance

|                   |                                                                                                                                                                                                                                                              |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Installation type | Its design allows incorporation in any type of floor, be it a raised or a concrete floor, combining the mechanism-holder unit with the tray in accordance with the type of installation (ref. KGE170 for concrete floor, and ref. KGE170TF for raised floor) |
| Type of fastening | The mechanism-holder unit is fitted to the tray using 4 x 2.5 mm hexagonal head screws (Allen type)                                                                                                                                                          |

|                                       |                                                                                                                 |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------|
|                                       | supplied with the mechanism-holder unit.                                                                        |
| Installation direction                | The cover opens in the direction chosen according to the orientation of the tray during the installation phase. |
| Can be installed in tray              | Plastic                                                                                                         |
| Removal of the socket                 | Only with tool                                                                                                  |
| Removal of cover                      | Only with tool                                                                                                  |
| Removal of the frame                  | Only with tool                                                                                                  |
| Removal of components                 | Only with tool                                                                                                  |
| Recess dimension                      | 145 x 145 mm in raised floor                                                                                    |
| Tray flush mount dimension            | 135 x 135 mm in a concrete floor and 161 x 161 mm in a raised floor                                             |
| Temperature range during installation | -25 a 60° C                                                                                                     |
| Max. temp. during construction work   | +90° C                                                                                                          |
| Maintenance                           | Clean with a soft dry cloth. Do not use tissues and/or abrasive cleaners containing chlorine.                   |



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