

## AV25LKX20U-GB215

- left-hand model
- Metal enclosure
- Fail-safe locking system
- for 2-leaf doors
- authorised for use in passenger elevators
- Manual release by means of M5 triangular key

## Data

### Ordering data

|                               |                  |
|-------------------------------|------------------|
| Product type description      | AV25LKX20U-GB215 |
| Article number (order number) | 103016462        |
| EAN (European Article Number) | 4030661508603    |
| eCl@ss number, version 12.0   | 27-27-26-03      |
| eCl@ss number, version 11.0   | 27-27-26-03      |
| eCl@ss number, version 9.0    | 27-27-26-03      |
| ETIM number, version 7.0      | EC002593         |
| ETIM number, version 6.0      | EC002593         |

### Approvals - Standards

|              |            |
|--------------|------------|
| Certificates | TÜV<br>CCC |
|--------------|------------|

## General data

|                               |                         |
|-------------------------------|-------------------------|
| Standards                     | EN 81-20<br>EN 81-50    |
| Housing material              | Light alloy die-casting |
| Material of the latching bolt | Brass                   |
| Gross weight                  | 1,454 g                 |

## General data - Features

|                                     |     |
|-------------------------------------|-----|
| Manual release                      | Yes |
| With fail-safe locking system (Y/N) | Yes |
| Safety functions                    | Yes |
| Number of door leafs                | 2   |
| Number of safety contacts           | 2   |

## Mechanical data

|                         |                                                         |
|-------------------------|---------------------------------------------------------|
| Actuating element       | Pull strap                                              |
| Orientation / Alignment | left-hand model                                         |
| Mounting                | rear-side mounting holes                                |
| Permanent magnet        | Ceramic oxide magnets with high coercive field strength |

## Mechanical data - Connection technique

|             |                     |
|-------------|---------------------|
| Cable entry | without cable gland |
|-------------|---------------------|

## Mechanical data - Dimensions

|        |        |
|--------|--------|
| Width  | 285 mm |
| Height | 80 mm  |
| Depth  | 36 mm  |

|                                         |                                                                                                                                                                                                                                                                         |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Diameter of the latching bolt           | 18 mm                                                                                                                                                                                                                                                                   |
| X-dimension of the latching bolt        | 20 mm                                                                                                                                                                                                                                                                   |
| Note (X-dimension of the latching bolt) | The entire locking bolt length results from the prescribed insertion depth of the locking bolt into the door leaf of 21 mm and dimension X. Dimension X represents the distance between the bottom of the enclosure of the door closing device and the top of the door. |
| Latching bolt bevelling, bottom         | 45 °                                                                                                                                                                                                                                                                    |

## Ambient conditions

|                      |                |
|----------------------|----------------|
| Degree of protection | IP20           |
| Ambient temperature  | -15 ... +70 °C |

## Ambient conditions - Insulation values

|                                           |         |
|-------------------------------------------|---------|
| Rated insulation voltage $U_i$            | 400 VAC |
| Rated impulse withstand voltage $U_{imp}$ | 6 kV    |

## Electrical data

|                                      |                        |
|--------------------------------------|------------------------|
| Thermal test current                 | 10 A                   |
| Utilisation category AC-15           | 230 VAC                |
| Utilisation category AC-15           | 2 A                    |
| Utilisation category DC-13           | 200 VDC                |
| Utilisation category DC-13           | 2 A                    |
| Switching element                    | NC contact, NO contact |
| Switching principle                  | Slow action            |
| Material of the contacts, electrical | Silver                 |

Note

Note (Manual release) For manual release using M5 triangular key, available as accessory

Ordering code

Product type description:  
AV 25(1)K(2)U-GB215

(1)

|   |                  |
|---|------------------|
| L | left-hand model  |
| R | right-hand model |

(2)

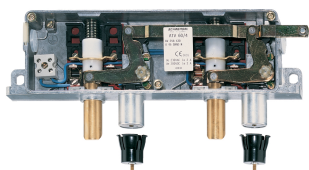
|       |                                            |
|-------|--------------------------------------------|
| X11,5 | X-dimension of the latching bolt = 11,5 mm |
| X20   | X-dimension of the latching bolt = 20 mm   |
| X30   | X-dimension of the latching bolt = 30 mm   |
| X40   | X-dimension of the latching bolt = 40 mm   |
| X45   | X-dimension of the latching bolt = 45 mm   |

Note:

U = interlock bevel on the underside  
GB215 = additional, front-side M8 mounting holes  
  
Variants that differ from this are special versions.  
Availability on request.

Pictures

Product picture (catalogue individual photo)



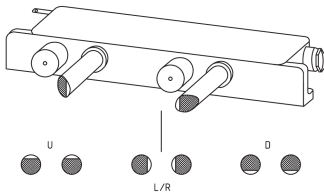
ID: kav25f01  
| 455.3 kB | .jpg | 352.778 x 200.025 mm - 1000 x 567 px - 72 dpi  
| 30.7 kB | .png | 74.083 x 41.981 mm - 210 x 119 px - 72 dpi  
| 54.8 kB | .jpg | 123.472 x 69.85 mm - 350 x 198 px - 72 dpi

## Assembly example



ID: kav--m03  
| 23.5 kB | .cdr |

## Images (miscellaneous)



ID: kav25m01  
| 115.2 kB | .jpg | 352.778 x 206.022 mm - 1000 x 584 px - 72 dpi

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The details and data referred to have been carefully checked. Images may diverge from original. Further technical data can be found in the manual. Technical amendments and errors possible.  
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