



## AV20RBX11.5U-GB215

- right-hand model
- Thermoplastic enclosure
- Fail-safe locking system
- for 1-leaf doors
- authorised for use in passenger elevators
- Manual release by means of M5 triangular key

## Data

### Ordering data

EAN (European Article Number) 4030661427256

eCl@ss number, Version 9.0 27-27-26-03

eCl@ss number, Version 11.0 27-27-26-03

### Approval - Standards

Certificates TÜV  
CCC  
EAC

### General data

Standards EN 81-20  
EN 81-50

Enclosure material Glass-fibre reinforced thermoplastic, self-extinguishing

Material of the contacts, electrical	Silver
Material of the latching bolt	Brass
Gross weight	835 g

### General data - Features

Manual release	Yes
With fail-safe locking system (Y/N)	Yes
Safety functions	Yes
Number of auxiliary contacts	1
Number of door leafs	1
Number of safety contacts	1

### Mechanical data

Actuating element	Roller lever H65 and bearing block B
Orientation / Alignment	right-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	165 mm
Height	80 mm
Depth	37 mm

Diameter of the latching bolt	18 mm
X-dimension of the latching bolt	11.5 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	IP54
Ambient temperature, minimum	-15 °C
Ambient temperature, maximum	+70 °C

### Ambient conditions - Insulation value

Rated insulation voltage $U_i$	500 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

## Notes

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

Schmersal, Inc., 15 Skyline Drive, Hawthorne, NY 10532

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.

Generated on: 11/9/2021, 9:10 AM