



AV20LX30U-2509

- 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) 4030661334332

Approval - Standards

Certificates TÜV
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	580 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	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
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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	30 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, 45 °
bottom

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 (General) Emergency release with injected NIRO triangle with additional second insert for lever variants

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

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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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