

High-Performance Door

ASSA ABLOY RR300 Plus F+R

ASSA ABLOY

ASSA ABLOY Entrance Systems

The global leader in
door opening solutions



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ASSA ABLOY Entrance Systems is a leading supplier of entrance automation solutions for the efficient flow of goods and people. Building on the long-term success of the Besam, Crawford, Albany and Megadoor brands, we offer our solutions under the ASSA ABLOY brand. Our products and services are dedicated to satisfying end-user needs for safe, secure, convenient and sustainable operations.
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High-Performance Door ASSA ABLOY RR300 Plus F+R for emergency routes

The high-performance door ASSA ABLOY RR300 Plus (refer to separate technical datasheet) has special additional features that enable it to be marked with the F+R name to indicate it may be used for escape routes. The door has various monitoring devices that guarantee that the door opens securely on an ongoing basis. The direction of the emergency route can only be defined in one direction for the door and this is set by the side on which the radar sensor is installed.

Radar motion sensor

It is equipped with a direction detecting radar motion sensor that is authorised for the use in escape routes. This enables the door to open automatically in an emergency and ensures that the door opens automatically as soon as people move towards it in the escape direction. The radar movement sensor always has priority over all other pulse generators. The radar sensor covers the full width of the door and guarantees secure recognition of people up to a distance of 1.5 m in front of the door.

Automatic self-opening

If the power fails or an error occurs the workflow brake is released automatically. This results in the door opening automatically to a minimum of 2 meters as a result of the counterbalance, guaranteeing free movement in the escape route in an emergency.

Self-test

The MCC system has a special software that carries out a self-test on the door and other security devices every 24 hours using special software in order to guarantee the perfect operation of the emergency function. The timing of the self-test can be set individually by the operator of the door.

Options ASSA ABLOY RR300 Plus F+R on the standard ASSA ABLOY RR300 Plus

Escape and emergency routes	suitable
Wind resistance	Class 1 - EN 12424 to H = 3500 mm Class 0 - EN 12424 from H > 3500 mm
Size in mm H min./max. W max.	2300 / 4000 mm 4000 mm
Control system	only MCC with special software
	Security devices stored in additional casing
Switch box	
Casing and main switch	optional
Switch to deactivate the escape route function	optional
Top roll cover	optional ¹⁾

¹⁾ In the F+R design a roll cover for fixing the radar sensor is included as standard. For doors with a height of ≤ 2500 mm a top roll cover is required to comply with the requirements of the 13241-1 standard. For heights over 3700 mm an additional holder is required that enables the maximum installation height for the radar sensor of 4000 mm.



TÜV-Approval*)

The ASSA ABLOY RR300 Plus F+R complies with the key requirements of the "Guideline for automatic sliding doors in escape routes" (AUTSCHR).

^{*)} Each individual installation requires the approval of the relevant building inspection authority.



ASSA ABLOY RR300 Plus F+R equipped with direction-detecting radar motion sensor.



Switch to deactivate the escape route function.



MCC system with extended casing to accept the necessary security devices.



Optional: Control box with operator display and main switch.