

# European Door Retainer Magnets



## > Product Benefits

- Fails safe to door closed mode if power lost
- Small and unobtrusive design
- Manual release, local activation or panel control
- 24VDC or 230VAC mains operation
- 200N and 400N versions
- Certified to EN1155 and NF-S 61937



## Product Overview

Our fire and exit door control family consists of three different types: the UK range, the European range and the universal heavy duty range.

The three models in the European range of door retainers use an electro-magnet to hold fire doors in the open position during normal circumstances. In the event of the fire detection system going into alarm, the door is automatically released to return to the closed position to help contain the spread of smoke and fire. They can also be used to keep security doors in the closed position, preventing unauthorised access from the external side of the door.

The units are compatible with the majority of electrical back boxes used throughout Europe. Cable entry is via rubber glands to an easily accessible fixed termination point within the device.

The 24VDC unit is powered by our separate WMAG-PSU power supply unit, rated at 250mA, which accepts inputs from either the control panel or a manual or resettable activation unit. The 24VDC units are available with holding forces of either 20 or 40daN, enabling even large and heavy doors to be retained in the open position. Our WMAG-PSU can power up to eight 20daN units or two 40daN devices. The 240VAC version is rated at 40daN.

When the power is removed, an integral release spring overcomes any residual magnetic attraction between the unit and the swivel keeper plate.



**KAC**

EU-DR  
Rev. No. 1



## Electrical Specification

Operating voltage : 24VDC or 240VAC (Product Dependant)  
Nominal power : 0.6Watt or 2Watt (Product Dependant)  
Current Consumption: 20daN @ 24VDC = 25mA  
20daN @ 240VAC = 2.5mA  
40daN @ 24VDC = 83mA

## Environmental Specification

IP Rating 42

## Mechanical Specification

Retaining force : 20 or 40 daN (Product Dependant)  
Height : 85mm  
Width : 70mm  
Depth : 40mm  
Weight : 250g  
Colour : GREY RAL9002

## Ordering Information

### Part numbers

Door Magnet 24V 20daN (European Style)	WMAG-24
Door Magnet 24V 40daN (European Style)	WMAG-24-40
Door Magnet 240V 20daN (European Style)	WMAG-240-20

### Accessories

Standard Floor Bracket	WMAG-FB
Combined Floor / Wall Bracket 150mm	WMAG-FWB-150
Combined Floor / Wall Bracket 250mm	WMAG-FWB-250
Telescopic Wall Bracket 150-300mm	WMAG-WB-TELE

### Power Supply

Power Supply 230VAC In, 24VDC Out up to 250mA	WMAG-PSU
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## Associated Products

UK door retainers  
Heavy duty door retainers  
Break glass or resetable door activation units  
Mounting brackets

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