

# Magnetic Contacts

NF&A2P Range



## Introduction

The following magnetic contacts are suitable for a wide range of applications. Allied with the EN50131-2-6 and NFA2P 2 shields approvals, these contacts are suitable for different regions throughout Europe. The contacts have a long life expectancy of 100 million operations and a wide operating temperature.

## Features

- A comprehensive range of contacts
- Accessories to compliment installations
- NFA2P approved
- EN50131-2-6 approved
- A wide range of operating temperatures

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# Magnetic Contacts

NFA2P Range

## 4B300

The NFA2P and EN50131-2-6 approved magnetic contact offers the following features:

- Excellent operation on wood and aluminium applications
- Discreet and varied installation
- Constant sensitivity over a wide temperature range
- Pre-wired 3m 4 core cable



## 4HD-300

The NFA2P and EN50131-2-6 approved heavy duty magnetic with a robust aluminium housing offers the following features:

- Pre-wired 3m 4 core cable
- Ingress protection to IP67, IK07 & environmental Class III
- Suitable for all applications
- Fast and efficient mounting



## 4S-300

The NFA2P and EN50131-2-6 approved surface mount magnetic with a robust white, plastic housing offers the following features:

- Pre-wired 3m 4 core cable
- Ingress protection to IP43, IK04 & environmental Class III
- Suitable for all applications
- Fast and efficient mounting



## SHD2

The NFA2P and EN50131-2-6 approved surface mount magnetic with a robust white, plastic housing offers the following features:

- Ingress protection to IP43, IK04 & environmental Class II
- Suitable for all applications
- Fast and efficient mounting



## 4RSM

The NFA2P and EN50131-2-6 approved magnetic, roller shutter contact with a robust aluminium housing offers the following features:

- Flexible metal tube for cable protection & pre-wired 3m 4 core cable
- Ingress protection to IP67, IK07 & environmental Class III
- Suitable for all applications
- Fast and efficient mounting



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Technical Data					
	4B-300	4HD-300	4S-300	SHD2	4RSM
<b>Dimensions</b>					
Contact	34.8 x 7.3 x 12mm	79.5 x 18.9 x 12.7mm	39 x 9 x 14.5 mm	65 x 25 x 15 mm	176 x 50 x 14 mm
Magnet	33.5 x 7.6 x 9.5mm	81 x 18.9 x 12.7mm	39 x 9 x 14.5 mm	65 x 10 x 10mm	85 x 76 x 35mm
Cable	3m, 4core	3m, 4core	3m, 4core	N/A	0.5m flexible conduit, 4 cores white
Packaging Dimensions	100 x 100mm	115 x 80mm	120 x 100mm	155 x 100mm	295 x 200mm
Accessories		4HD-SPC	S-SPC	SHD2-SPC	
<b>Material/Colour</b>					
Contact	Aluminium	Aluminium	Plastic/White	Plastic/White	Aluminium
Magnet	Aluminium	Aluminium	Plastic/White	Plastic/White	Aluminium
Weight - Gross	70g	155g	75g	29g	400g
Operations	100 Million	100 Million	100 Million	100 Million	100 Million
IP rating – door only	43	43	43	43	67
IK rating	07	07	04	04	07
<b>Open/Close Distance</b>					
X axis (Min/Max)	18/10mm	8/20 wood, 6/18 iron	wood 8/16mm, 6/10mm soft iron plate	9/11mm wood, soft iron 5/16mm, soft iron plate 6/14mm	wood 20/35, soft iron 22/35
Y axis (Min/Max)	17/6mm	18/42 mm wood, 6/22mm soft iron plate	wood 6/20, 6/12 soft iron plate	16/29mm wood, 6/17mm soft iron, 11/22 soft iron plate	wood 53/82mm, soft iron 34/57mm, wood 67/95mm, soft iron 40/58mm
Z axis (Min/Max)	18/10mm	28/53 wood, 8/40 iron	wood 13/28, 7/22 soft iron plate	25/36mm wood, 7/13mm soft iron, 10/18 soft iron plate	
Mounting surfaces, Material Types	Not suitable for materials that contain iron	Aluminium, Ferrous Metals, Plastic, Wood	Aluminium, Ferrous Metals, Plastic, Wood	Aluminium, Ferrous Metals, Plastic, Wood	Aluminium, Ferrous Metals, Plastic, Wood
<b>Environmental</b>					
Operating temperature	-25 to +70C	-25 to +70C	-25 to +70C	-25 to +70C	-25 to +70C
RH	75%	75%	75%	75%	75%
Installation	Internal	Internal	Internal	Internal	Internal
Approvals	Class III	Class III	Class III	Class II	Class III
NFA2P	Yes	Yes	Yes	Yes	Yes
EN50131-2-6	Yes	Yes	Yes	Yes	Yes
<b>Ordering Information</b>					
Article Number	N54545-Z246-A100	N54545-Z244-A100	N54545-Z245-A100	N54545-Z243-A100	N54545-Z247-A100
Description	4B-300/NFA2P Magnetic Contact	4HD-300/NFA2P Magnetic Contact	4S-300/NFA2P Magnetic Contact	SHD2 Magnetic Contact	4RSM/NFA2P Magnetic Contact

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## Accessories

4HD-SPC Spacer for 4HD-300	N54536-Z248-A100
S-SPC Spacer for 4S-300	N54536-Z249-A100
SHD2-SPC Spacer for SHD2	N54536-Z250-A100



SHD2-SPC spacer for SHD2



S-SPC spacer for 4S-300



4HD-SPC spacer for 4HD-300



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