

SAFEONE DS

- Click, tap.
Zap, safe!

Safety has never been easier:
The new SAFEONE DS offers one
safe speed monitoring with three
additional safety circuits and incredibly
quick commissioning.



SAFEONE DS

Short description

You are looking for a simple solution for speed monitoring that also provides you with safety functions (e.g. emergency stop or door monitoring), but do not want to forego neither compact design nor simple validation?

This is exactly the reason we have developed the SAFEONE DS:

The first solution that offers safe speed monitoring and at the same time emergency stop and door monitoring features.

The SAFEONE DS guarantees maximum Safety - depending on the application up to PL d according to EN ISO 13849-1.

YOUR ADVANTAGES AT A GLANCE

MORE SPACE IN THE CABINET

This module is the first on market that very compactly (with only 22,5 mm of width) combines safety circuits and safe speed monitoring.

EFFICIENT COST CONTROL

Instead of a new multifunction control with too many functions, you only buy the functions that you really need. That saves real money.

MULTIFUNCTIONAL PARAMETRIZATION INTERFACE

No complex application, no further parameterization hardware modules necessary and yet maximum flexibility.

EASY, SIMPLY EASY

Less technology, simple design, integration, validation and documentation, as well as plug & play to use.



FIELDS OF APPLICATION

APPLICATIONS

- Machines for which a freely parameterizable system (e.g. SAFELINE VARIO) is too complex
- Woodworking machines, small grinding machines, centrifuges, mixers & agitators, saws, mobile lifting platforms, shredders, etc.
- Machines that currently use several safety relays
- Machines with few safety functions and the need for speed monitoring

INDUSTRY BRANCHES

- Saws for wood and plastic
- Escalators
- Fans
- Centrifuges
- Fairground rides
- Control cabinet construction
- Pneumatic systems with few electrical axes
- and many more

TECHNICAL DETAILS OVERVIEW

Construction width	22,5 mm
Switching capacity	up to 6 A
Inputs / Outputs	up to 10 Inputs
Connection terminals	Spring clamp terminals
Safety functions	Emergency stop, light curtains, safety gates
Project creation	Software parameterization
Motion monitoring	measuring system sin/cos
Networking	Remote access
Diagnosis and validation	Hardware diagnosis / LED

Further safety functions	
Safe Operating Stop	Safe Limited Speed
Safe Torque OFF	Different operating modes
Safe Speed Range	Safe Direction
Safe Speed Monitor	Safe Limited Position

WE LOOK FORWARD TO HEARING FROM YOU!

The logo consists of the word "DINA" in white, uppercase, sans-serif font, centered within a solid blue rectangular background.

DINA

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