

certificate
no. **ET 21049**
dated 01.10.2021



DGUV Test

Prüf- und Zertifizierungsstelle
Elektrotechnik
Fachbereich Energie Textil
Elektro Medienerzeugnisse
European notified body
Identification number 0340

Translation In any case, the German original shall prevail

EC-Type Test Certificate

Name and address of the holder of the certificate: (customer): **DINA Elektronik GmbH
Esslinger Str. 84
72649 Wolfschlugen**

Name and address of the Manufacturer: **DINA Elektronik GmbH
Esslinger Str. 84
72649 Wolfschlugen**

Product designation: Multiple function safety device

Type: SAFELINE (Modules: see attachment)

Intended purpose: Suitable for two-hand control devices type III A (Semiconductor outputs) resp. type III C (Relay outputs)

Testing based on:	DIN EN 60947-5-1	Low-voltage switchgear and control gear – Part 5-1: Control circuit devices and switching elements – Electromechanical control circuit devices	2018-03
	DIN EN ISO 13849-2	Safety of machinery – Safety-related parts of control systems – Part 2: Validation	2013-02
	DIN EN ISO 13851 (in extracts)	Safety of machinery – Two-hand control devices – Principles for design and selection	2019-11
	GS-ET-20	Supplementary requirements for testing and certification of Safety relays	2020-04

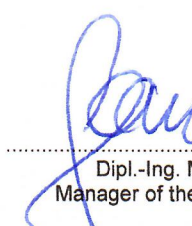
Remarks: The safety-related functions will be carried out with category 3 PL e DIN EN ISO 13849-1:2016-06 (Semiconductor outputs) resp. category 4 PL e DIN EN ISO 13849-1:2016-06 (Relay outputs).

The type tested complies with the provisions laid down in the directive 2006/42/EC (**Machinery**).

The present certificate is valid until: **30.06.2026**

Further provisions concerning the validity, the extension of the validity and other conditions are laid down in the Rules of Procedure for Testing and Certification.

Az: NP.550.05/20-133-VT01/Gom/Wi


Dipl.-Ing. Malte Gomolka
Manager of the Certification Body



certificate
no. **ET 21050**
dated 01.10.2021



DGUV Test
Prüf- und Zertifizierungsstelle
Elektrotechnik
Fachbereich Energie Textil
Elektro Medientechnische

Translation

In any case, the German original shall prevail.

DGUV Test Certificate

Name and address of the holder of the certificate: (customer): **DINA Elektronik GmbH
Esslinger Str. 84
72649 Wolfschlügen**

Name and address of the Manufacturer: **DINA Elektronik GmbH
Esslinger Str. 84
72649 Wolfschlügen**

Product designation: **Multiple function safety device**

Type: **SAFELINE (Module: see attachment)**

Intended purpose: **Suitable for two-hand control devices type III A (Semiconductor outputs)
resp. type III C (Relay outputs)**

Testing based on:

DIN EN 60947-5-1	Low-voltage switchgear and control gear – Part 5-1: Control circuit devices and switching elements – Electromechanical control circuit devices	2018-03
DIN EN ISO 13849-2	Safety of machinery – Safety-related parts of control systems – Part 2: Validation	2013-02
DIN EN ISO 13851 (in extracts)	Safety of machinery – Two-hand control devices – Principles for design and selection	2019-11
GS-ET-20	Supplementary requirements for testing and certification of Safety relays	2020-04

Remarks: **The safety-related functions will be carried out with category 3 PL e DIN EN ISO 13849-1:2016-06 (Semiconductor outputs) resp. category 4 PL e DIN EN ISO 13849-1:2016-06 (Relay outputs).**

The type tested meets the requirements specified in article 3 of the German Product Safety Act. Thus, the type tested also complies with the provisions laid down in the directive 2006/42/EC (**Machinery**).

The holder of the certificate is entitled to affix the DGUV Test mark shown overleaf to the products complying with the type tested, including the specification given under the heading **remarks**.

The present certificate including the right to affix the DGUV Test mark is valid until: **30.06.2026**

Further provisions concerning the validity, the extension of the validity and other conditions are laid down in the Rules of Procedure for Testing and Certification.

Az: NP.550.05/20-133-VT01/Gom/WI

Dipl.-Ing. Malte Gornjka
Manager of the Certification Body

Deutsche Gesetzliche Unfallversicherung (DGUV) e. V.
Spitzenverband der gewerblichen Berufsgenossenschaften
und der Unfallversicherungsträger der öffentlichen Hand
Vereinsregister-Nr. VR 751 B, Amtsgericht Charlottenburg

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DAkkS
Deutsche
Akkreditierungsstelle
D-ZE-17009-07-00

Anlage zu

**EG-Baumusterprüfbescheinigung /
 EC Type-Examination Certificate:**

ET 21049

**DGUV Test-Zertifikat /
 DGUV Test Certificate:**

ET 21050

Bescheinigungsinhaber:

DINA Elektronik GmbH
 Esslinger Str. 84
 72649 Wolfschlugen

Produktbezeichnung:

Multifunktionales Sicherheitsschaltgerät /
Multiple function safety device

Typ:

SAFELINE

1. Bestimmungsgemäße Verwendung / *Intended purpose*

Logikeinheit für Zweihandschaltungen / <i>Logic unit of two-hand control devices</i>
Auswertung von Not-Aus-Schaltern / <i>Evaluation of emergency off switches</i>
Bewegungsüberwachung / <i>Motion monitoring</i>
Überwachung von Verriegelungsreinrichtungen / <i>Monitoring of interlocking devices</i>
Auswertung von Zustimmschaltern / <i>Evaluation of enabling switches</i>

2. Module / *Modules*

Bezeichnung / <i>Description</i>	Typ / <i>Type</i>
Zentralmodule / <i>Central modules</i>	DNSL-ZM (ID-No. 24ZM30) DNSL-ZMA (ID-No. 24ZA30) DNSL-ZMB (ID-No. 24ZB40) DNSL-ZMK (ID-No. 24ZK30) DNSL-ZMR (ID-No. 24ZR40) DNSL-ZMT (ID-No. 24ZT40)
Drehzahlüberwachungen / <i>Speed monitoring modules</i>	DNSL-DR (ID-No. 24DR02) DNSL-DS (ID-No. 24DS07) DNSL-SI (ID-No. 24SI02)
I/O-Module / <i>I/O modules</i>	DNSL-IN (ID-No. 24IN02) DNSL-IO (ID-No. 24IO01) DNSL-IO2 (ID-No. 24IO2) DNSL-RM230 (ID-No. 24RM02) DNSL-KM (ID-No. 24KM01)
Kaskadenmodule / <i>Cascade modules</i>	DNSL-CI (ID-No. 24CI02) DNSL-CM (ID-No. 24CM02)

Feldbusmodule / <i>Field bus modules</i>	DNSL-DP (ID-No. 24DP45) DNSL-EC (ID-No. 24EC43) DNSL-CO (ID-No. 24CO42)
Netzwerkmodule/Network modules	DNSL-NI (ID-No. 24NI02)

Köln, 01.10.2021

Az.: NP.550.05/20-133-VT01/Gom/Wi

Malte Gomolka
Zertifizierer

