

CE TYPE EXAMINATION CERTIFICATE
N° 1878M212242CT1024 of 11.10.2024 Rev. 00
according to Article 12 point 3b of the Machinery Directive 2006/42/EC
(EC type-examination referred to in Annex IX)
SAFETY COMPONENT INCLUDED IN ANNEX IV POINT 21

1. MANUFACTURER

Registered name/Brand: **MACTECH CORPORATION**
Registered manufacturing plant: No.89, Lane 36, Sec2, Tanshin RD, Tanzi Dist., Taichung City 427 (Taiwan R.O.C.)

2. CHARACTERISTICS OF THE SAFETY COMPONENT

Type: Logic blocks for safety functions (Annex IV item 21)

FUNCTION	Safety Light Curtain
SERIES MODEL:	SLC-08, SLC-10, SLC-12, SLC-14, SLC-16, SLC-18, SLC-20, SLC-22, SLC-24, SLC-26, SLC-28, SLC-30, SLC-32, SLC-36, SLC-40, SLC-44, SLC-48, SLC-52, SLC-56, SLC-60, SLC-64
DETECTION HEIGHT	140 to 1260 mm
BEAM AXES	8 to 64
TYPE OF ESPE & AOPD	Type 4
SUPPLY VOLTAGE AND FREQUENCY	24 Vdc
SIL (Safety Integrity Level from IEC 62061)	3
PL (Performance Level)	e
PFHd	4,2E-8
MTTFd	100
ELECTRICAL SAFETY CLASS	II
ENCLOSURE DEGREE OF PROTECTION	IP65
SAMPLE INSPECTED	model SLC-44

3. MAIN DIRECTIVES AND TECHNICAL STANDARDS FOLLOWED

EC/EU DIRECTIVES: 2006/42/EC (MACHINERY), 2014/30/EU (EMC);

EN STANDARDS: EN ISO 12100:2010, EN 61496-1:2020, EN 61496-2:2020, EN ISO 13849-1:2023.

4. EVALUATION AND SUITABILITY

Having regard to the application submitted, having regard to the technical documentation provided by the manufacturer, having regard to the report no. 1600RP01MACHSLC/VC dated 10/10/2024, detailing the outcome of the tests carried out on the sample made available for examination for EC type-examination, **the Notified Body VERICERT srl declares that the safety component described above meets the essential health and safety requirements of Machinery Directive 2006/42/EC.**

NOTES

- This certificate refers to the type (tested assembly) and can be used as a reference for issuing declarations of conformity for other identical safety components;
- The characteristics indicated are an extract from what is contained in the technical file;
- The safety component must be commissioned in compliance with the legislation and procedures in force in the country of use;
- Any design and/or construction changes must be made only if agreed with the Certifying Body;
- The certificate will be retained for 15 (fifteen) years from the date of issue.

STAMP AND SIGNATURE



The Legal Representative
Eng. Pomini Roberto

Certified status	Rev.	Date Rev.	Description Edit
First Issue	00	11/10/2024	/
Expiry date	/	11/10/2029	/