

# EC-Type Examination Certificate

No. M6A 049833 0032 Rev. 00

**Holder of Certificate:** **ABB Electrification Sweden AB**  
Motorgränd 20  
721 32 Västerås  
SWEDEN

**Product:** **Safety components**

This EC Type Examination Certificate is issued according to Article 12(3) b or 12(4) a of Council Directive 2006/42/EC relating to machinery. It confirms that the listed Annex-IV equipment complies with the principal protection requirements of the directive. It refers only to the sample submitted to TÜV SÜD Product Service GmbH for testing and certification. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** AK90874T

**Valid until:** 2024-04-26

**Date,** 2021-10-19



( Christian Dirmeier )



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**Model(s):** **Sentry safety relays**  
For nomenclature see below

**Parameters:** Operating Voltage: 24 Vdc +15 %, -20 %  
Mains Models: 85 – 265 VAC (50/60 Hz)  
or 120 – 375 VDC  
Response time: 20 ms

## Nomenclature of Sentry safety relays

### Sentry

/Family acronym/Serial number/Relay configuration/Power supply/Terminal Blocks

With:

#### Family acronym:

|     |                              |
|-----|------------------------------|
| BSR | Basic Safety Relay           |
| SSR | Single Function Safety Relay |
| TSR | Timer Relay                  |
| USR | Universal Relay              |

#### Serial number:

1-9

#### Relay configuration:

|   |         |
|---|---------|
| 0 | 3NO+1NC |
| 1 | 4NO     |
| 2 | 2NO+2NO |
| 3 | 4NO+1NC |

#### Power supply:

|       |        |
|-------|--------|
| M     | Mains  |
| empty | +24Vdc |

#### Terminal Blocks:

|       |                  |
|-------|------------------|
| P     | Push In Terminal |
| empty | Screw Terminal   |