



Product Service

CERTIFICATE

No. Z10 049833 0030 Rev. 01

Holder of Certificate: **ABB Electrification Sweden AB**Motorgränd 20
721 32 Västerås
SWEDEN**Certification Mark:****Product:** **Safety components**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: AK90874T**Valid until:** 2024-04-26**Date,** 2021-09-30

(Christian Dirmeier)



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Parameters:

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

Tested according to:

- 2006/42/EC
- EN 60947-5-1:2017
- EN ISO 13849-1:2015 (Cat 4, PL e)
- EN 61508-1:2010 (SIL 3)
- EN 61508-2:2010 (SIL 3)
- EN 61508-3:2010 (SIL 3)
- EN 61508-4:2010 (SIL 3)
- EN 62061:2005/A2:2015 (SILCL 3)

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



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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