



Product Service

CERTIFICATE

No. Z10 083652 0007 Rev. 02

Holder of Certificate: **ABB AG**
Eppelheimer Str. 82
69123 Heidelberg
GERMANY

Certification Mark:



Product: **Automation Equipment, Safety Related**

Model(s): **AC500-S (-XC) Safety PLC**

Parameters:

Process and supply voltage:	24VDC (-25% ... +30%)
Operating temperature	
AC500-S:	0°C ... +60°C
AC500-S-XC:	-40°C ... +70°C
Storage / Transport:	-40°C ... +85°C

The report and the user documentation in the currently valid revision are mandatory part of this certificate. The product complies with the below listed safety requirements only if the specifications documented in the currently valid revision of this report are met. The certified components are listed in the report AH84732C in the currently valid revision.

Tested according to:

- IEC 61508-1:2010 (SIL 3)
- IEC 61508-2:2010 (SIL 3)
- IEC 61508-3:2010 (SIL 3)
- IEC 62061:2021 (maximum SIL 3)
- EN ISO 13849-1:2015 (Cat 4, PL e)
- IEC 61511-1:2016
- EN 61131-2:2007

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.: AH84732C
Valid until: 2028-03-06
Date, 2023-05-05

(Christian Dirmeier)