



Product Service

# CERTIFICATE

No. Z10 088989 0039 Rev. 00

**Holder of Certificate:** **Texas Instruments**  
12500 TI Boulevard  
Dallas TX 75243  
USA

**Certification Mark:**



**Product:** **Safety Controller**  
**AM64x / AM243x**

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, Certification, Validation and Verification Regulations of TÜV SÜD Group have to be complied. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** TD102804C

**Valid until:** 2029-05-02

**Date,** 2024-05-03

( Christian Dirmeier )

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**Parameters:** up to SIL 2  
(systematic capability SC 3)

**Tested according to:** IEC 61508-1:2010  
IEC 61508-2:2010

## Model(s):

<b>Orderable Part # for AM64x</b>
<ul style="list-style-type: none"> <li>• AM6421BSDFHAALVR</li> <li>• AM6421BSEFHAALVR</li> <li>• AM6421BSFFHAALV</li> <li>• AM6422BSDFHAALVR</li> <li>• AM6441BSDFHAALVR</li> <li>• AM6441BSEFGAALV</li> <li>• AM6441BSEFHAALV</li> <li>• AM6441BSFFHAALV</li> <li>• AM6442BSDFHAALVR</li> <li>• AM6442BSEFHAALV</li> <li>• AM6442BSFFHAALV</li> </ul>
<b>Orderable Part # for AM2431x</b>
<ul style="list-style-type: none"> <li>• AM2431BSDFHIALVR</li> <li>• AM2431BSDFHIALXR</li> </ul>
<b>Orderable Part # for AM2432x</b>
<ul style="list-style-type: none"> <li>• AM2432BSFFHIALV</li> <li>• AM2432BSFFHIALVR</li> <li>• AM2432BSEFHIALVR</li> <li>• AM2432BSDFHIALVR</li> <li>• AM2432BSFFHIALXR</li> <li>• AM2432BSEFHIALXR</li> <li>• AM2432BSDFHIALXR</li> </ul>
<b>Orderable Part # for AM2434x</b>
<ul style="list-style-type: none"> <li>• AM2434BSFFHIALV</li> <li>• AM2434BSFFHIALVR</li> <li>• AM2434BSEFHIALVR</li> <li>• AM2434BSDFHIALVR</li> <li>• AM2434BSFFHIALXR</li> <li>• AM2434BSEFHIALXR</li> <li>• AM2434BSDFHIALXR</li> </ul>