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ČESKÁ TECHNICKÁ NORMA

**Průmyslové komunikační sítě – Vysoce použitelné automatizační sítě –
Část 2: Prostředky redundančního protokolu (MRP)**



EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

**EN IEC 62439-
2:2022/AC:2023-05**

May 2023

ICS 25.040.40; 35.100.05

English Version

**Industrial communication networks - High availability automation
networks - Part 2: Media Redundancy Protocol (MRP)
(IEC 62439-2:2021/COR1:2023)**

Réseaux de communication industriels - Réseaux de haute
disponibilité pour l'automatisation - Partie 2: Protocole de
redondance du support (MRP)
(IEC 62439-2:2021/COR1:2023)

Industrielle Kommunikationsnetze: Hochverfügbare
Automatisierungsnetze - Teil 2: Medienredundanz-Protokoll
(MRP)
(IEC 62439-2:2021/COR1:2023)

This corrigendum becomes effective on 26 May 2023 for incorporation in the English language version of the EN.



European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Endorsement notice

The text of the corrigendum IEC 62439-2:2021/COR1:2023 was approved by CENELEC as EN IEC 62439-2:2022/AC:2023-05 without any modification.

INTERNATIONAL ELECTROTECHNICAL COMMISSION
COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

IEC 62439-2
Edition 3.0 2021-12

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Édition 3.0 2021-12

INDUSTRIAL COMMUNICATION NETWORKS –
HIGH AVAILABILITY AUTOMATION NETWORKS –

RÉSEAUX DE COMMUNICATION INDUSTRIELS –
RÉSEAUX DE HAUTE DISPONIBILITÉ POUR
L'AUTOMATISATION –

Part 2: Media Redundancy Protocol (MRP)

Partie 2: Protocole de redondance du support
(MRP)

CORRIGENDUM 1

Corrections to the French version appear after the English text. Please note that some corrections are different for the English and French texts.

Les corrections à la version française sont données après le texte anglais. Veuillez noter que certaines corrections sont différentes pour les textes anglais et français.

Corrections to the English version:

INTRODUCTION to Corrigendum 1:

This Corrigendum 1 corrects an oversight during the final editing process of IEC 62439-2:2021. The MIB specifications included in Subclauses 10.2 and 10.3 refer to the FDIS documents and need to be updated with references to the final publications (both standard and associated MIB file).

NOTE This Corrigendum 1 includes corrections for the MIBs in Subclauses 10.2 and 10.3. The MIB in 10.3 is provided as a code component in a companion document, see <https://www.iec.ch/sc65c/supportingdocuments>. The (minor) correction for Subclause 10.3 is provided for convenience, while the version in the companion document IEC_62439-2_2021A2.mib contains the corrected code and prevails in case of discrepancies.

10.2 MRP MIB with a monitoring view

Replace, in the section "iec62439 MODULE-IDENTITY", in the line "LAST-UPDATED", "201901300000Z" -- January 30, 2019" with "202212140000Z" -- December 14, 2022".

Replace, in the same section, the lines

```
DESCRIPTION "
65c-62439-2-Ed3-FDIS
Copyright (C) IEC. This version of this MIB module is part
of 65c-62439-2-Ed3-FDIS;
see 65c-62439-2-Ed3-FDIS for full legal notices.
This MIB module defines the Network Management interfaces
for the Redundancy Protocols defined by the IEC
standard 62439.
These definitions specify the pure monitoring variant
of a SNMP entity. If the SNMP entity also contains
management functionality, then IEC 62439 management MIB
definitions shall be used instead of this MIB module.
"
```

with the following lines:

```
DESCRIPTION "
65c-62439-2:2021/COR1:2023
Copyright (C) IEC. This version of this MIB module is part
of 65c-62439-2:2021/COR1:2023;
see 65c-62439-2:2021 for full legal notices.
This MIB module defines the Network Management interfaces
for the Redundancy Protocols defined by the IEC 62439 suite.
This MIB exposes the IEC62439-2 objects (MRP).
These definitions specify the pure monitoring variant
of an SNMP entity. If the SNMP entity also contains
management functionality, then IEC 62439 management MIB
definitions shall be used instead of this MIB module.
"
REVISION "202212140000Z" -- December 14, 2022
DESCRIPTION "
replacement of FDIS version with final IS version
"
```

10.3 MRP MIB with a management and monitoring view

Replace, in the section "iec62439 MODULE-IDENTITY", in the line "LAST-UPDATED", "201901300000Z" -- January 30, 2019" with "202212140000Z" -- December 14, 2022".

Replace, in the same section, the lines

```
DESCRIPTION "
65c-62439-2-Ed3-FDIS
Copyright (C) IEC. This version of this MIB module is part
of 65c-62439-2-Ed3-FDIS;
see 65c-62439-2-Ed3-FDIS for full legal notices.
This MIB module defines the Network Management interfaces
for the Redundancy Protocols defined by the IEC
standard 62439.
These definitions specify the monitoring and management
variant of an SNMP entity. If the SNMP entity only contains
monitoring functionality, then IEC 62439 monitoring MIB
definitions shall be used instead of this MIB module.
An entity may support either the monitoring facet only
or the management facet including the monitoring facet
as a subset.
"
```

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with the following lines:

```
DESCRIPTION  "
    65c-62439-2:2021/COR1:2023
    Copyright (C) IEC. This version of this MIB module is part
    of 65c-62439-2:2021/COR1:2023;
    see 65c-62439-2:2021 for full legal notices.
    This MIB module defines the Network Management interfaces
    for the Redundancy Protocols defined by the IEC 62439 suite.
    This MIB exposes the IEC62439-2 objects (MRP).
    These definitions specify the monitoring and management
    variant of an SNMP entity. If the SNMP entity only contains
    monitoring functionality, then IEC 62439 monitoring MIB
    definitions shall be used instead of this MIB module.
    An entity may support either the monitoring facet only
    or the management facet including the monitoring facet
    as a subset.
    "
REVISION     "202212140000Z" -- December 14, 2022
DESCRIPTION  "
replacement of FDIS version with final IS version
"
```

U p o z o r n ě n í : Oznámení o změnách, opravách a nově vydaných normách jsou uveřejňována ve Věstníku Úřadu pro technickou normalizaci, metrologii a státní zkušebnictví.

Vaše názory, podněty a připomínky týkající se technických norem a zájmu o možnou účast v procesech technické normalizace lze zaslat na e-mailovou adresu info@agentura-cas.cz.

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