STN	**Priemyselné komunikačné siete** **Siete s vysokou pohotovosťou pre automatizáciu** **Časť 2: Protokol MRP** **(Media Redundancy Protocol)** **Oprava AC**	**STN** **EN IEC** **62439-2/AC** 18 4020

Industrial communication networks - High availability automation networks - Part 2: Media Redundancy Protocol (MRP)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 07/23

Obsahuje: EN IEC 62439-2:2022/AC:2023, IEC 62439-2:2021/COR1:2023

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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.

CENELEC

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

Ref. No. EN IEC 62439-2:2022/AC:2023-05 E

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

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IEC 62439-2	**IEC 62439-2**
Edition 3.0 2021-12	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)**

C O R R I G E N D U M   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.
    "
```

IEC 62439-2:2021/COR1:2023   – 3 –
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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
"
```