

Current and voltage sensors or detectors, to be used for fault passage indication purposes

Part 2: System aspects (IEC 62689-2:2016, MOD)



AS 62689.2:2022

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Preface

This Standard was prepared by the Standards Australia Committee EL-013, Measurement and Protection Transformers.

The objective of this document is to describe electric phenomena and electric system behaviour during faults, according to the most widely diffused distribution system architecture and to fault typologies, to define the functional requirements for fault passage indicators (FPI) and distribution substation units (DSU) (including their current and/or voltage sensors), which are, respectively, a device or a device/combination of devices and/or of functions able to detect faults and provide indications about their localization.

A list of all parts in the 62689 series can be found in the [Standards Australia online catalogue](#).

This document is an adoption with national modifications, and has been reproduced from, IEC 62689-2:2016, *Current and voltage sensors or detectors, to be used for fault passage indication purposes — Part 1: System aspects*. The modifications are additional requirements and are set out in [Appendix ZZ](#), which has been added at the end of the source text.

[Appendix ZZ](#) lists the modifications to IEC 62689-2:2016, for the application of this document in Australia.

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The terms “normative” and “informative” are used in Standards to define the application of the appendices or annexes to which they apply. A “normative” appendix or annex is an integral part of a Standard, whereas an “informative” appendix or annex is only for information and guidance.

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