



ISO/IEC TS 29125

Edition 1.0 2024-10

INTERNATIONAL STANDARD

AMENDMENT 2

**Information technology – Telecommunications cabling requirements for remote
powering of terminal equipment**



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INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

ICS 35.200

ISBN 978-2-8322-9893-0

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INFORMATION TECHNOLOGY – TELECOMMUNICATIONS CABLING REQUIREMENTS FOR REMOTE POWERING OF TERMINAL EQUIPMENT

AMENDMENT 2

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Amendment 2 to IEC ISO/IEC TS 29125:2017 has been prepared by subcommittee 25: Interconnection of information technology equipment, of ISO/IEC joint technical committee 1: Information technology.

The text of this Amendment is based on the following documents:

Draft	Report on voting
JTC1-SC25/3272/DTS	JTC1-SC25/3289/RVDTS

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this Amendment is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1, and the ISO/IEC Directives, JTC 1 Supplement available at www.iec.ch/members_experts/refdocs and www.iso.org/directives.

INTRODUCTION to the amendment

This amendment incorporates changes necessary to extend the current for remote powering using single pair cabling up to 2 000 mA.

Introduction

Insert the following after the first bullet of the fourth paragraph:

- guidance on wire diameter and bundling on heating;

1 Scope

Replace the second bullet of list item a), added by Amendment 1, with:

- 1-pair balanced cabling using currents per conductor of up to 2 000 mA;

In the NOTE, delete "4-pair".

6.3 Temperature rise and current capacity

Replace the last sentence of the first paragraph with the following sentence:

The standards in the ISO/IEC°11801 series specify this temperature up to 60 °C in MICE C₁ environments and 70 °C in MICE C₂ and C₃ environments.