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ICS 27.100

DL

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

DL/T 790.442-2004

Distribution automation using distribution line carrier system. Part 4-42: Data communication protocols. Application protocols. Application layer

采用配电线载波的配电自动化 第4-42部分：数据通信协议 应用协议 应用层

(English Translation)

Issued by: National Energy Administration

Preview: page 1 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/dl-t-790-442-2004

Table of Contents

[Preview only]
1 Scope
2 Normative references
2.1 Terms
3 Terms and definitions
4 General provisions
5 Apparatus

1 Foreword

DL/T 790.442-2004 was issued by National Energy Administration on 20 October 2004.

It is one of 13 parts of the DL/T 790 series.

The DL/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

2 Scope Preview

DL/T 790.442-2004 falls under ICS 27.100, in the field of energy and heat transfer engineering.

This catalogue holds 1,145 other DL/T standards in that field.

In this catalogue, DL/T standards carry edition years from 1991 to 2026.

3 About this standard

Issued by: National Energy Administration

English translation: about 15 pages (approximate)

4 Related standards

Other parts of this standard:

DL/T 790.6-2010 - Part 6: A-XDR encoding rule

DL/T 790.31-2001 - Distribution automation using distribution line carrier systems. Part 3: Mains signalling requirements. Section 1: Frequency bands and output levels

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DL/T 790.41-2002 - Distribution automation using distribution line carrier systems. Part 4: Data communication protocols. Section 1: Reference model of communication system

DL/T 790.51-2002 - Distribution automation using distribution line carrier systems. Part 5-1: Lower layer profiles. The spread frequency shift keying (S-FSK) profile

DL/T 790.321-2002 - Distribution automation using distribution line carrier systems. Part 3-21: Mains signalling requirements MV phase-to-phase isolated capacitive coupling devices

DL/T 790.322-2002 - Distribution automation using distribution line carrier systems. Part 3-22: Mains signalling requirements MV phase-to-earth and screen-to-earth intrustive coupling devices

DL/T 790.432-2004 - Distribution automation using distribution line carrier systems Part 4-32: Data communication protocols. Data link layer. Logical link control(LLC)

DL/T 790.433-2005 - Part 4-33: Data communication protocols. Data link layer. Connection oriented protocol

DL/T 790.441-2004 - Distribution automation using distribution line carrier systems Part 4: Data communication protocols. Section 41: Application protocols. Distribution line message specification

DL/T 790.461-2010 - Part 4-61: Data communication protocols. Network layer. Connectionless protocol

DL/T 790.4511-2006 - Distribution automation using distribution line carrier systems. Part 4-511: Data communication protocols. Systems management-CIASE protocol

DL/T 790.4512-2006 - Distribution automation using distrbution line carrier systems. Part 4-512: Data communication protocols. Systems management using profile DL/T 790.51. Management Information Base (MIB)

5 Classification and status

International classification (ICS): 27.100

Chinese Standard Classification (CCS): F 21

Prefix DL/T: recommended standard.

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