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NATIONAL STANDARD OF THE

PEOPLE'S REPUBLIC OF CHINA

GB/T 16895.40-2026

Low-voltage electrical installations - Part 7-716: Requirements for special installations or locations - ELV DC power distribution over information and communications technology (ICT) cable infrastructure

低压电气装置 第 7-716 部分：特殊装置或场所的要求 基于信息和通信技术（ICT）电缆基础设施的ELV直流配电

(English Translation)

Issued on: September 28, 2026 **Implemented on: April 1, 2027**

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Foreword

GB/T 16895.40-2026 is a recommended national standard (GB/T) of the People's Republic of China, issued on 28 September 2026 by the State Administration for Market Regulation and the Standardization Administration of China, with effect from 1 April 2027.

The document adopts an international standard (ISO or IEC).

It is under the responsibility of the Standardization Administration of China.

Classification: ICS 29.020;91.140.50; CCS K09;P63.

1 Scope

This document addresses ELV DC power distribution over information and communications technology (ICT) cable infrastructure, a subject within the low-voltage electrical installations series, in the Part 7-716 requirements for special installations or locations.
Extra-low-voltage direct current distribution over ICT cabling lets building cable networks carry power as well as data, for example to supply connected devices.

Electrical designers, installers, building services engineers, cabling contractors, and equipment makers are the likely users, as are inspectors who verify special installations. It is a recommended national standard (GB/T), so it is voluntary unless a contract or regulation points to it. The standard adopts an international standard.

Projects in China that combine power and data cabling may need to consider it alongside the rest of the series, since special locations carry requirements beyond those for ordinary installations. It becomes effective on 1 April 2027.

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