

6GK7542-5FX00-0XE0

Industrial automation components

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| Manufacturer | Siemens |
| Catalog number | 6gk7542-5fx00-0xe0 |
| Category | Industrial automation components |
| Product type | Industrial automation components |
| Status | Active product |

Technical specification

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| Weight | 0.04 kgs |
| Voltage | 15 V |
| Interface Type | profibus |
| Industrial System | s7-1500 |
| Signal Type | 15 |
| Signal Level | 15 V |
| Current | 0.1 A |
| Power | 1.5 W |

Description

The Siemens 6GK7542-5FX00-0XE0 is a communications processor (CP 1542-5) designed to connect the SIMATIC S7-1500 PLC to PROFIBUS DP networks. It functions as both a DPV1 master and slave, facilitating S7 and PG/OP communications, time synchronization, and diagnostics. This compact module offers a transfer rate ranging from 9.6 kbit/s to 12 Mbit/s and operates with a 15 V DC supply voltage, consuming approximately 0.1 A. Its dimensions are 35 x 142 x 129 mm, with a net weight of 0.27 kg. The module is mounted on a rail and is suitable for vertical installations with ambient temperatures between 0°C and 40°C, and horizontal installations up to 60°C. It is rated IP20 for protection.