Seven Pin Wall-mounted Socket



Product Overview

DKKI Industrial Seven-Pin Wall Socket is a durable connector designed for reliable performance in industrial settings. Its die-cast aluminum housing provides robust protection against physical impact and corrosive elements. A sealed design ensures the unit is effectively dust-tight and offers proven resistance to melt splashes and sprays. The connection is secured by a mechanical locking mechanism and spring-loaded contacts, which maintain stable electrical continuity even in the presence of vibration. Featuring a removable insert for easy installation and maintenance, the socket accommodates wires up to 2.5 mm² via its screw terminals. With an operating temperature range of -40°C to +85°C and a standard current rating of 16A per pin, it is a practical solution for low-voltage DC applications. In steel mill applications, it facilitates analog signal transmission from thermocouple and oxygen probes to the measurement instrumentation, offering essential protection against airborne particulates and incidental melt splash exposure in mill floor installations.

Key Features

- Die-cast aluminum housing for impact resistance.
- Dust-tight design for particulate-heavy environments.
- Resistant to melt splashes and spray exposure.
- Spring-loaded contacts maintain a stable connection.
- Mechanical locking mechanism secures the plug.
- Removable insert simplifies installation and servicing.
- Screw terminals accept wires up to 2.5 mm².
- Operating temperature range from -40°C to +85°C.
- Standard current rating of 16 Amperes per pin.
- For general low-voltage DC control signals.

Why DKKI

- Proven success for over three decades
- ISO 9001:2015 certified quality
- In-house testing under real operating conditions
- Free expert support and comprehensive training
- On-site consulting and troubleshooting
- Fast order processing with flexible logistics
- Standard products, customizable options
- Transparent partnerships that build trust
- Proactive customer engagement

Application Areas

- Industrial automation systems requiring secure low-voltage connections
- Control panels exposed to vibration and environmental stress
- Instrumentation setups demanding reliable multi-pin socket interfaces
- Electrical enclosures requiring IP-rated wall-mounted socket systems

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