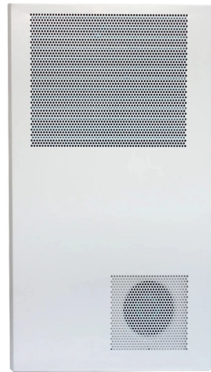


Intelligent Module Controller Distribution Box



Overview

The IX3212 Intelligent Xpansion™ power distribution module (PDM) expands CAN bus control networks by replacing existing relay and fuse boxes with more reliable solid-state switches that can directly drive work lights, wiper motors, cooling fans, directional DC motors and other high. The IX3212 Intelligent Xpansion™ power distribution module (PDM) expands CAN bus control networks by replacing existing relay and fuse boxes with more reliable solid-state switches that can directly drive work lights, wiper motors, cooling fans, directional DC motors and other high. Our intelligent and mechanical boxes in the area of power and data distribution offer modular solutions for all voltage levels and at the same time optimize functionality - for maximum efficiency with maximum safety. As a pioneer of the power and data distribution of the future, LEONI always keeps. Renesas offers an efficient power distribution network system based on intelligent power device (IPD) technologies. IPDs enhance safety compared to mechanical relays, thanks to their intelligent protection and diagnostic functions. Our portfolio includes a wide range of solutions from customer-specific central electrical units and platform-based power boxes to electronic power distributors. It monitors currents, indicates when approaching the maximum load and makes targeted shut downs during over-stress or short circuits. This makes sure systems run at maximum capacity.



Article Content

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IPDs enhance safety compared to mechanical relays, thanks to their intelligent protection and diagnostic functions. With their compact size and lightweight design, IPDs enable advanced automotive power

Intelligent Power Distribution

MICO is the intelligent power distribution module from Murrelektronik for 12VDC, 24VDC or 48VDC. It monitors currents, indicates when approaching the maximum load and makes targeted shut downs

Intelligent Power Module (IPM) Devices

These intelligent power modules deliver significant efficiency gains with the latest generation of power semiconductors, optimized IC gate driving, and advanced

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

