

Four-port information panel is heat resistant

Article Overview

Industrial four-port information panels are designed to be heat resistant, often operating reliably in temperatures ranging from -10°C to 60°C depending on the model.

Temperature Tolerance

Many industrial panel PCs, including four-port information panels, are engineered for wide temperature operation to ensure reliable performance in harsh environments. For example, the VIO Series panels operate between -10°C and 60°C, while the SIO Series panels function from -10°C to 50°C. These panels maintain internal performance and structural integrity even under extreme heat, thanks to fanless designs and rugged enclosures that prevent overheating and protect sensitive electronics .

Design Features Supporting Heat Resistance

- **Fanless Enclosures:** By eliminating fans, panels reduce the risk of dust ingress and mechanical failure while sustaining high temperatures .
- **Rugged Materials:** Stainless steel or reinforced enclosures provide thermal stability and protect against heat-induced deformation .
- **Optical Bonding:** Some panels use optical bonding to fill air gaps between the touch panel and LCD, which improves heat tolerance and prevents condensation .
- **IP Ratings:** Panels with IP65 or higher ratings are sealed against dust and water, w...

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TOPN Information Panel

Single-sided dismantling port, easy disassembly, no damage to the wall; Imported ABS material, anti-aging, not easy to change

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PRL4F Fusible PB panelboard design guide

Sturdy, rigid chassis assembly ensures accurate alignment of interior with panel front; prevents flexing and minimizes possibility of

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PRL4X PB panelboard design guide

If panel contains only GHB, HGHB or GHQ branch breakers, use a PRL2X panelboard. When only one single-pole breaker of the

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Features

The PFC-4064 panel is a listed and approved microprocessor based conventional fire panel and complies with UL-864, NFPA-70,

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Panelboards

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Panel Joint QuadCore® Coldstore Panels feature a unique castellated and
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