

Trusted Expander Chassis

Product Overview

The Trusted® Expander Chassis can be either swing frame or fixed frame mounted and houses the Trusted Expander Processors and Trusted Input/Output (I/O) Modules.

The Chassis may be panel (rear) mounted by the addition of Panel Mounting Kit T8380 which comprises a pair of brackets with rear facing ears.

The Inter-Module Bus backplane is part of the Trusted Expander Chassis and provides electrical interconnection and other services for the modules.

Features:

- 2 x 30 mm (1.2 in) Trusted Expander Processor Slots.
- 12 x 30 mm (1.2 in) single width Trusted I/O Module Slots.
- No user-serviceable parts inside.
- Fast assembly.
- Minimum tooling/parts.
- 32, 48, 64 and 96-way DIN 41612 I/O port connector capability.
- Cable entry options.
- Convection cooling of modules through the Chassis.

3. Specifications

| | |
|---|--|
| Voltage Range | 20 Vdc to 32 Vdc |
| Fusing | External, 20 A |
| Connectors | 14 x DIN 41642, male |
| Expander Comms Max Distance | |
| Using TC-301 copper cable | 30 m |
| Using fibre converters | 10 km |
| Operating Temperature | 0 °C to +60 °C (+32 °F to +140 °F) |
| Non-operating Temperature | -25 °C to +70 °C (-13°F to +158 °F) |
| Relative Humidity range (operating, storage & transport) | 10 % – 95 %, non-condensing |
| Environmental Specifications | Refer to document 552517 |
| Dimensions | |
| Height | 268 mm (10.5 in) |
| Width | 483 mm (19 in) |
| Depth | 312 mm (12.3 in) |
| Weight | 5 kg (11 lb) |