Characteristics:

Isolation:
- Isolation between I.S. and Safe Area terminals: 1.5 KV or 2.5 KV test voltage.
- Isolation between I.S. and I.S. terminals: 0.5 KV test voltage.
- Isolation between Supply and In/Out terminals: 0.5 KV or 1.5 KV or 2.5 KV test voltage.
- Isolation between In/In and Out/Out terminals: 0.5 KV or 1.5 KV or 2.5 KV test voltage.

Supply voltage:
- 12 Vdc nominal, 24 Vdc nominal, 115 Vac nominal, 230 Vac nominal, or Loop powered.

Environmental conditions:
- Operating: temperature limits: -40 to +60/70 °C, relative humidity max 95%, up to 55 °C.
- Storage: temperature limits: -45 to +80 °C.

Mounting:
- T35 DIN Rail according to EN50022, with or without Power Bus or on customized Termination Boards.

Connection:
- by polarized plug-in disconnect screw terminal blocks to accommodate terminations up to 2.5 mm². Terminal block material: Polyamide.

Location:
- Safe Area/Non Hazardous Locations or Zone 2, Group IIC T4 or Class I, Division 2, Group A,B,C,D. T4 or Class I, Zone 2, Group IIC, T4.

Protection class: IP 20.

Dimensions:
- Width 22.5 mm, Depth 123 mm, Height 120 mm.

Materials:
- Terminal block: Polyamide (PA) - V-0 according to UL94.
- Main enclosure: Polyamide (PA) - V-0 according to UL94.
- Detachable front cover: Polycarbonate (PC).
- Terminal block cover and DIN-Rail slider: Acetal (POM).

Compatibility:

Refer to specific model data sheet for detailed characteristics.