

Surge Protection Solutions for Hazardous Locations

Transtector engineers purpose-driven protection solutions for hazardous locations where flammable chemicals and vapors may be encountered. Certified in the United States and Canada for Class I Division 2, and Class I Zone 2 locations, as well as International ATEX, IECEx, for Group II C gas locations.

Product Type	Part Number	Name	Voltage	Mount Type	Description	Standards
AC	1104-15-000	I2R IEP 120-10	120 Vac	DIN Rail	120 Vac, silicon, 5kA with visual and remote indication	UL 1449 3rd Edition, Hazardous Location Certifications: ETL Class I Div 2, Class I Zone 2
AC	1104-15-002	I2R SA 120-50M	120 Vac	DIN Rail	120 Vac, MOV, 20kA, with replaceable module and visual indication	UL 1449 3rd Edition, RoHS, Hazardous Location Certifications: ETL Class I Div 2, Class I Zone 2
AC	1104-15-020	I2R IEP 240-10	240 Vac	DIN Rail	240 Vac, silicon, 5kA with replaceable module and visual indication	IEC 61643-11, RoHS, Hazardous Location Certifications: ETL ATEX, IECEx
DC	1101-678	DRDC 7	7 Vdc	DIN Rail	7 Vdc, silicon, modular, bidirectional protector	UL 497B, Hazardous Location Certifications: FM US/Canada Class I Div 2, ATEX
DC	1101-679	DRDC 12	12 Vdc	DIN Rail	12 Vdc, silicon, modular, bidirectional protector	UL 497B, Hazardous Location Certifications: FM US/Canada Class I Div 2, ATEX
DC	1000-1464	CPX DC Defender 24	24 Vdc	Rack Mount	24 Vdc, silicon, 5kA, module for CPX chassis	RoHS, ANSI/UL/CSA/IEC 60950, Hazardous Location Certifications: ETL Class I Div 2, Class I Zone 2, ATEX, IECEx
DC	1101-680	DRDC 24	24 Vdc	DIN Rail	24 Vdc, silicon, modular bidirectional protector	UL 497B, Hazardous Location Certifications: FM US/Canada Class I Div 2, ATEX
DC	1101-869	DRI 24	24 Vdc	DIN Rail	24 Vdc, silicon, modular protector with LED indicator	Hazardous Location Certifications: FM US/Canada Class I Div 2, ATEX
DC	1101-1110	DC Defender 48-5	24, 48 Vdc	Surface Mount	Up to 48 Vdc, silicon, 5kA, outdoor protector	RoHS, ANSI/UL/CSA/IEC 60950, Hazardous Location Certifications: ETL Class I Div 2, Class I Zone 2, ATEX, IECEx
DC	1000-1405	CPX DC Defender 48-5	48 Vdc	Rack Mount	48 Vdc, silicon, 5kA, module for CPX chassis	RoHS, ANSI/UL/CSA/IEC 60950, Hazardous Location Certifications: ETL Class I Div 2, Class I Zone 2, ATEX, IECEx
DC	1101-681	DRDC 48	48 Vdc	DIN Rail	48 Vdc, silicon, modular, bidirectional protector	UL 497B, Hazardous Location Certifications: FM US/Canada Class I Div 2, ATEX
DC	1101-724	DRDC 70	70 Vdc	DIN Rail	70 Vdc, silicon, modular, bidirectional protector	Hazardous Location Certifications: FM US/Canada Class I Div 2, ATEX
Data Line	1101-935	ALPU 1000BT CS M	3.3 Vdc	Surface Mount	3.3 Vdc, silicon, outdoor, RJ-45 GbE protector	IEEE 802.3af, IEEE 802.3, GR-1089-2006, NEC 800.100 & 830.100, ANSI/UL/CSA/IEC 60950, RoHS, Hazardous Location Certifications: ETL Class I Div 2, Class I Zone 2, ATEX, IECEx
Data Line	1000-1268	CPX 10/100BT*	5 Vdc	Rack Mount	5 Vdc, hybrid TBU, non fused 10/100BT module for CPX chassis	UL 497A, ANSI/UL/CSA/IEC 60950, Hazardous Location Certifications: ETL Class I Div 2, Class I Zone 2, ATEX, IECEx
Data Line	1000-1269	CPX T1/E1*	5 Vdc	Rack Mount	5 Vdc, hybrid TBU, fused T1/E1 module for CPX chassis	UL 497A, ANSI/UL/CSA/IEC 60950, Hazardous Location Certifications: ETL Class I Div 2, Class I Zone 2, ATEX, IECEx
Data Line	1000-1270	CPX GbE*	3.3, 5 Vdc	Rack Mount	Up to 5 Vdc, hybrid TBU, fused GbE module for CPX chassis	UL 497A, ANSI/UL/CSA/IEC 60950, Hazardous Location Certifications: ETL Class I Div 2, Class I Zone 2, ATEX, IECEx
Data Line	1101-586	PDS 1	24 Vdc	1/2" pipe	24 Vdc, silicon/GDT hybrid, T connector installation	Hazardous Location Certifications: FM US/Canada Class I Div 2, ATEX
Data Line	1000-1402	CPX PoE*	12, 24, 48 Vdc	Rack Mount	Up to 48 Vdc, 10/100 PoE module for CPX chassis	IEEE 802.3 af, at, GR-1089, ANSI/UL/CSA/IEC 60950, Hazardous Location Certifications: ETL Class I Div 2, Class I Zone 2, ATEX, IECEx
Data Line	1101-933	ALPU PoE 60 M	12, 24, 48 Vdc	Surface Mount	Up to 48 Vdc, silicon, outdoor, RJ-45 PoE protector	IEEE 802.3af, GR-1089-2006, NEC 800.100 & 830.100, ANSI/UL/CSA/IEC 60950, RoHS, Hazardous Location Certifications: ETL Class I Div 2, Class I Zone 2, ATEX, IECEx
Data Line	1000-1117	CPX GbE PoE	12, 24, 48 Vdc	Rack Mount	Hybrid, module for CPX chassis	RoHS, ANSI/UL/CSA/IEC 60950, Hazardous Location Certifications: ETL Class I Div 2, Class I Zone 2, ATEX, IECEx
Data Line	1101-959	ALPU PTP M	12, 24, 48 Vdc	Surface Mount	Up to 80 Vdc, silicon, outdoor protector for point to point radios	IEEE 802.3af, GR-1089-2006, NEC 800.100 & 830.100, IEEE 802.3, ANSI/UL/CSA/IEC 60950, Hazardous Location Certifications: ETL Class I Div 2, Class I Zone 2, ATEX, IECEx

*CPX 4 port housing part number: 1101-1137; DIN Rail mounting kit part number: 1000-1467

Hazardous Location Certifications

For over four decades Transtector Systems has worked to become the industry leader in the development, design and manufacturing of power and signal integrity solutions for the oil and gas industry. Contact 1.800.882.9110 or 208.772.8515 to further discuss your specific requirements and review our Class I Division 2, Class I Zone 2, as well as ATEX and IECEx certified products.

Type	Series	Application
AC	I2R Series	PLC RTU
DC	DRDC Series	PLC RTU
DC	CPX Series	PLC RTU
DC	DC Defender	Communication Site
DC	DRI	Tank Measurement
Data Line	CPX Series	PLC RTU
Data Line	ALPU Series	Communication Site
Data Line	PDS Series	Field Instrumentation

