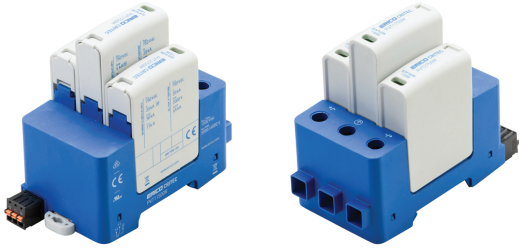
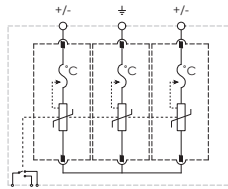
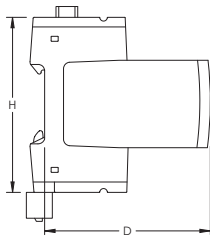
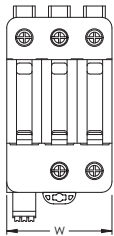


PVT1 Photovoltaic Surge Protection Class I – PVT11000R



- Uniquely designed for protection of centralized solar inverters on the DC input side and string boxes
- Thermal protection included to ensure safe failure modes
- Compact, yet high surge rated pluggable design, using minimum DIN rail width



Part Number	PVT11000R
Max Continuous Operating Voltage (Ucpv)	1,100 V
Nominal Discharge Current (In), IEC	20 kA 8/20 μ s
Impulse Current (Iimp)	6.25 kA 10/350 μ s
Total Discharge Current (Itotal)	12.5 kA 10/350 μ s 50.0 kA 8/20 μ s
Voltage Protection Level (Up)	4,000 V
Response Time	25 ns Max
Short Circuit Current Rating (Iscrr)	11 kA
Max Continuous Operating Voltage (Vpvc)	1,100 VDC
Voltage Protection Rating (VPR)	2,500 V
Nominal Discharge Current (In), UL	20 kA 8/20 μ s
Short Circuit Current Rating (SCCR)	50 kA
Protection Modes	-ve to PE -ve to +ve +ve to PE
Altitude	2,000 m Max
Humidity	5 - 95 % RH
Temperature	-40 to 85 °C
Connection, Flexible	25 mm ²
Connection, Solid	35 mm ²
Connection, Stranded	35 mm ²
Enclosure Material	UL® 94V-0 Thermoplastic
Enclosure Rating	IP 20
Mounting	35 mm top hat DIN rail
Torque (TQ)	4.5 N-m Max

Part Number	PVT11000R
Remote Contact Switching Capacity	1.0 A @ 125 VAC 1.0 A @ 250 VAC 0.5 A @ 12 VDC 0.5 A @ 24 VDC 0.5 A @ 48 VDC
Remote Contacts	Yes
Status Indication	Mechanical flag
Depth (D)	85 mm
Height (H)	90 mm
Width (W)	54 mm
Unit Weight	0.46 kg
Replacement Module	PVT1500M PVT1500SM
Certification Details	UL® 1449 Edition 4 Type 1CA
Complies With	EN 50539-11 Type 1, Type 2
Certifications	CE, ERICO PVT cURus VDE
Standard Packaging Quantity	1 pc
UPC	78285695359
EAN-13	0782856953593