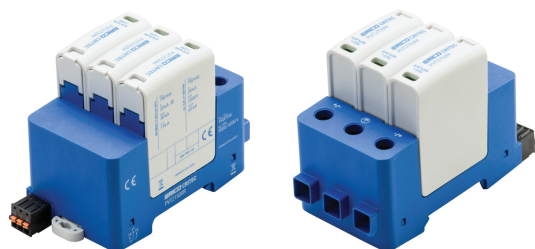
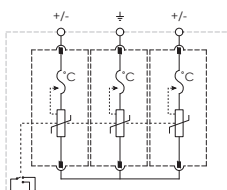
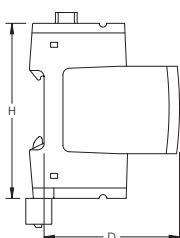
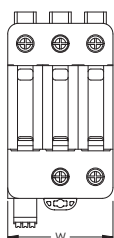


# PVT2 Photovoltaic Surge Protection Class II – PVT21000R



- Suited for use at the DC input of distributed string inverters in solar arrays
- Thermal protection included to ensure safe failure modes
- Compact, yet high surge rated pluggable design, using minimum DIN rail width



Part Number	PVT21000R
Max Continuous Operating Voltage (Ucpv)	1,100 V
Nominal Discharge Current (In), IEC	20 kA 8/20 $\mu$ s
Max Discharge Current (Imax)	40 kA 8/20 $\mu$ s
Total Discharge Current (Itotal)	50 kA 8/20 $\mu$ s
Voltage Protection Level (Up)	4,000 V
Response Time	25 ns Max
Short Circuit Current Rating (Iscrr)	11 kA
Max Continuous Operating Voltage (Vpdc)	1,100 VDC
Voltage Protection Rating (VPR)	3,000 V
Nominal Discharge Current (In), UL	20 kA 8/20 $\mu$ 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 <sup>2</sup>
Connection, Solid	35 mm <sup>2</sup>
Connection, Stranded	35 mm <sup>2</sup>
Enclosure Material	UL® 94V-0 Thermoplastic
Enclosure Rating	IP 20
Mounting	35 mm top hat DIN rail
Torque (TQ)	4.5 N-m Max
Remote Contact Switching Capacity	1.0 A @ 125 VAC

Part Number	PVT21000R
	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)	69 mm
Height (H)	90 mm
Width (W)	54 mm
Unit Weight	0.41 kg
Replacement Module	PVT2500M
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	78285695361
EAN-13	0782856953616