

# E2V Technologies

## Transient Protection Units

### Quick Reference Data

E2V Technologies makes a wide range of Transient Protection Units for the protection of communication/data lines, power lines or antennas against NEMP, lightning or other induced transients. E2V Technologies' TPUs offer the best protection of sensitive electronic equipment.					NEMP AND LIGHTNING PROTECTORS	COAXIAL ANTENNA PROTECTORS	DATA LINE PROTECTORS	SUPPLY/CONTROL LINE PROTECTORS	MAINS TRANSIENT PROTECTORS	MAINS TRANSIENT PROTECTOR AND FILTER COMBINATION	DATA LINE PROTECTOR AND FILTER COMBINATION	SUPPLY/CTRL. LINE PROTECTOR AND FILTER COMBINATION
Type	Normal operating conditions Maximum voltage	Maximum current	Maximum output volts at 1 kV/ns input	Connections								
TPU3	280 V rms	100 A	3.0 kV	Screw	●				●			
TPU4	280 V rms	>2000 A	3.0 kV	M12 bush	●				●			
TPU7	200 V	500 mA	0.3 kV	Solder	●		●					
TPU7P	250 V rms	6 A	1.0 kV	Solder	●			●				
TPU11	40 V rms	-	1.0 kV	Type N	●	●						
TPU23	200 V peak	10 A	1.0 kV	Screw	●	●						
TPU24	200 V peak	5 A	1.0 kV	BNC	●	●						
TPU27	200 V	500 mA	0.3 kV	Solder	●		●					
TPU31	280 V rms	250 A	3.0 kV	M8 Studs	●				●			
TPU41	50 V dc	100 A	3.0 kV	M8 Studs	●				●			
TPU99840	250 V rms	up to 100 A	3.0 kV	M8 Studs	●					●		
TPU25030	170 V	300 mA	0.34 kV	M8/M10 Studs	●						●	
TPU35250	250 V rms	500mA	0.34 kV	M8 Studs	●							●

**Note:** The majority of the above use E2V Technologies fast-acting spark gaps to ensure minimum let-through energy. For some protection requirements a spark gap alone may offer the ideal solution; refer to the Spark Gap data or contact E2V Technologies directly for advice.