



5-pin Modules for Voice
Single Pin Modules for Data
Page 1.



6, 12 and 25 Pair
5-pin Building Entrance Terminals
Page 2.



Series 24 Building Entrance Terminals
5- Pin
25, 50 and 100 Pair
With Splice Chamber
Page 3.

QUICK REFERENCE GUIDE

Lightning & Surge Protection for
Communication & Data Networks



Series 25 Building Entrance Terminals
5- Pin
25, 50 and 100 Pair
Without Splice Chamber
Page 4.



CAT5E and CAT 6
Solutions for Data Protection
Page 5.

Comm/Data Protection begins with selecting the appropriate Protector Module!

Recommended Voltages for Various Applications:

- Power over Ethernet (POE) - 65 volts
- Typical Ethernet - 18 volts
- 24-volt control applications such as PLCs and Cameras - 27 volts
- Low voltage data applications such as RS232 and RS485 - 7.5 volts
- Digital Exchanges - 75 volts
- Analog Lines and exchanges - 230-240 volts
- Rural analog applications - 300-400 volts

Gas Tube (GT, 3B1E, 4B1E)

- A robust balanced protector that automatically resets after surges of up to 10,000 Amps
- Response time of less than 100 nanoseconds
- Overcurrent protection available (4B1E)
- Multiple voltages available
- Appropriate for protecting Plain Old Telephone Service (POTS) analog lines and exchanges
- Excellent choice for protecting T1 lines due to low capacitance and impedance

Delta (Hybrid GT/Solid State)



- Solid State avalanche diode and heavy duty GT automatically resets after surges of up to 20,000 Amps
- Quickest available response time of less than 5 nanoseconds
- Overcurrent protection included
- Multiple voltages available
- Excellent choice for protecting sensitive data equipment due to fast response time

Solid State (3B1S, 4B1S)

- Solid State thyristor based design
- Automatically resets after current surges of up to 100 Amps
- Quickest available response time of less than 5 nanoseconds
- Overcurrent protection available (4B1S)
- Multiple voltages available
- Excellent choice for protecting sensitive digital equipment due to fast response time




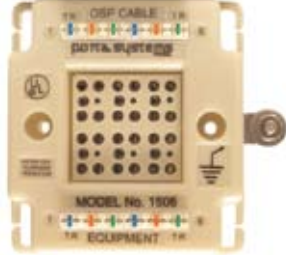
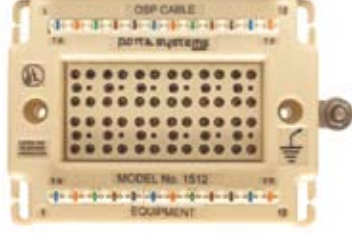

Low Voltage Data Protectors

- Solid State overvoltage protection provides a response time of less than 5 nanoseconds
- Available in models that comply with CAT5E or CAT6 when used in the appropriate Building Entrance Terminal
- Overcurrent protection included
- Multiple voltages available
- Excellent choice for protecting sensitive data equipment due to fast response time and category compliance

	Model #	Description	1 or 5 pin	
Data	LVP18E	18 Volt CAT5E Solid State Data Protector for Model 505E	1	
	LVP27E	27 Volt CAT5E Solid State Data Protector for Model 505E	1	
	LVP65E	65 Volt CAT5E Solid State Data Protector for Model 505E	1	
	LVP6-18	18 Volt CAT 6 Replacement Protector for Model 606	1	
	LVP6-27	27 Volt CAT 6 Replacement Protector for Model 606	1	
	LVP6-65	65 Volt CAT 6 Replacement Protector for Model 606	1	
	MLVP7.5	7.5 Volt Solid State Data Protector	5	
	MLVP18	18 Volt Solid State Data Protector	5	
	MLVP27	27 Volt Solid State Data Protector	5	
Voice	115SCN-240	4B1S type 240 Volt Solid State Protector with Heat coils	5	
	115SCN-75	4B15-75 type 75 Volt Solid State Protector with Heat coils	5	
	175BCXN-230	3B1E type 230 Volt Gas Tube Protector	5	
	195BCXN-230	4B1E type 230 Volt Gas Tube Protector with Heat Coils	5	
	195BCDXN-230	230 Volt Gas Tube/Solid State Protector with Heat Coils	5	
	195BCDXN-75	75 Volt Gas Tube/Solid State Protector with Heat Coils	5	

Small Pair Building Entrance Terminals (BET)



66 Term	Model #	Pairs	Input	Output	Protected	
6 pair	506	6	66	66	No	
	Additional Configurations:					
	506GT	6	66	66	230V GT	
	506SS240	6	66	66	240V SS	
	506SS75	6	66	66	75V SS	
	506D230	6	66	66	230V D	
506D75	6	66	66	75V D		
66 Term	Model #	Pairs	Input	Output	Protected	
12 pair	512	12	66	66	No	
	Additional Configurations:					
	512GT	12	66	66	230V GT	
	512SS240	12	66	66	240V SS	
	512SS75	12	66	66	75V SS	
	512D230	12	66	66	230V D	
512D75	12	66	66	75V D		
66 Term	Model #	Pairs	Input	Output	Protected	
25 pair	525	25	66	66	No	
	Additional Configurations:					
	525GT	12	66	66	230V GT	
	525SS240	12	66	66	240V SS	
	525SS75	12	66	66	75V SS	
	525D230	12	66	66	230V D	
525D75	12	66	66	75V D		
110 Term	Model #	Pairs	Input	Output	Protected	
6 pair	1506	6	110	110	No	
	Additional Configurations:					
	1506GT	6	110	110	230V GT	
	1506SS240	6	110	110	240V SS	
	1506SS75	6	110	110	75V SS	
	1506D230	6	110	110	230V D	
1506D75	6	110	110	75V D		
110 Term	Model #	Pairs	Input	Output	Protected	
12 pair	1512	12	110	110	No	
	Additional Configurations:					
	1512GT	12	110	110	230V GT	
	1512SS240	12	110	110	240V SS	
	1512SS75	12	110	110	75V SS	
	1512D230	12	110	110	230V D	
1512D75	12	110	110	75V D		
110 Term	Model #	Pairs	Input	Output	Protected	
25 pair	1525	25	110	110	No	
	Additional Configurations:					
	1525GT	25	110	110	230V GT	
	1525SS240	25	110	110	240V SS	
	1525SS75	25	110	110	75V SS	
	1525D230	25	110	110	230V D	
1525D75	25	110	110	75V D		

Series 24 Building Entrance Terminals (BET)

(with Splice Chamber)









66 Term	Model #	Pairs	Input	Output	Cover	Protected		
25 pair	24025-66-M66	25	66	66	No	No		
	Additional Configurations:							
	24025-66-M66P	25	66	66	No	230V GT		
	24025-66-M66C	25	66	66	Yes	No		
	24025-66-M66PC	25	66	66	Yes	230V GT		
	24025-66-M66PS	25	66	66	No	240V SS		
24025-66-M66PCS	25	66	66	Yes	240V SS			
66 Term	Model #	Pairs	Input	Output	Cover	Protected		
50 pair	24050-66-M66	50	66	66	No	No		
	Additional Configurations:							
	24050-66-M66P	50	66	66	No	230V GT		
	24050-66-M66C	50	66	66	Yes	No		
	24050-66-M66PC	50	66	66	Yes	230V GT		
	24050-66-M66PS	50	66	66	No	240V SS		
24050-66-M66PCS	50	66	66	Yes	240V SS			
66 Term	Model #	Pairs	Input	Output	Cover	Protected		
100 pair	24100-66-M66	100	66	66	No	No		
	Additional Configurations:							
	24100-66-M66P	100	66	66	No	230V GT		
	24100-66-M66C	100	66	66	Yes	No		
	24100-66-M66PC	100	66	66	Yes	230V GT		
	24100-66-M66PS	100	66	66	No	240V SS		
24100-66-M66PCS	100	66	66	Yes	240V SS			
110 Term	Model #	Pairs	Input	Output	Cover	Protected		
25 pair	24025-110-M110	25	110	110	No	No		
	Additional Configurations:							
	24025-110-M110P	25	110	110	No	230V GT		
	24025-110-M110C	25	110	110	Yes	No		
	24025-110-M110PC	25	110	110	Yes	230V GT		
	24025-110-M110PS	25	110	110	No	240V SS		
24025-110-M110PCS	25	110	110	Yes	240V SS			
110 Term	Model #	Pairs	Input	Output	Cover	Protected		
50 pair	24050-110-M110	50	110	110	No	No		
	Additional Configurations:							
	24050-110-M110P	50	110	110	No	230V GT		
	24050-110-M110C	50	110	110	Yes	No		
	24050-110-M110PC	50	110	110	Yes	230V GT		
	24050-110-M110PS	50	110	110	No	240V SS		
24050-110-M110PCS	50	110	110	Yes	240V SS			
110 Term	Model #	Pairs	Input	Output	Cover	Protected		
100 pair	24100-110-M110	100	110	110	No	No		
	Additional Configurations:							
	24100-110-M110P	100	110	110	No	230V GT		
	24100-110-M110C	100	110	110	Yes	No		
	24100-110-M110PC	100	110	110	Yes	230V GT		
	24100-110-M110PS	100	110	110	No	240V SS		
24100-110-M110PCS	100	110	110	Yes	240V SS			

Series 25 Building Entrance Terminals (BET)

(without Splice Chamber)



66 Term	Model #	Pairs	Input	Output	Cover	Protected	
25 pair	25025-66-M66	25	66	66	No	No	
	Additional Configurations:						
	25025-66-M66C	25	66	66	Yes	No	
	25025-66-M66PC	25	66	66	Yes	230V GT	
	25025-66-M66PCS	25	66	66	Yes	240V SS	
50 pair	25050-66-M66	50	66	66	No	No	
	Additional Configurations:						
	25050-66-M66C	50	66	66	Yes	No	
	25050-66-M66PC	50	66	66	Yes	230V GT	
	25050-66-M66PCS	50	66	66	Yes	240V SS	
100 pair	25100-66-M66	100	66	66	No	No	
	Additional Configurations:						
	25100-66-M66C	100	66	66	Yes	No	
	25100-66-M66PC	100	66	66	Yes	230V GT	
	25100-66-M66PCS	100	66	66	Yes	240V SS	
25 pair	25025-110-M110	25	110	110	No	No	
	Additional Configurations:						
	25025-110-M110C	25	110	110	Yes	No	
	25025-110-M110PC	25	110	110	Yes	230V GT	
	25025-110-M110PCS	25	110	110	Yes	240V SS	
50 pair	25050-110-M110	50	110	110	No	No	
	Additional Configurations:						
	25050-110-M110C	50	110	110	Yes	No	
	25050-110-M110PC	50	110	110	Yes	230V GT	
	25050-110-M110PCS	50	110	110	Yes	240V SS	
100 pair	25100-110-M110	100	110	110	No	No	
	Additional Configurations:						
	25100-110-M110C	100	110	110	Yes	No	
	25100-110-M110PC	100	110	110	Yes	230V GT	
	25100-110-M110PCS	100	110	110	Yes	240V SS	

CAT5E & CAT 6

(110 In/Out Data Protection)



Model #	5E or 6	Pairs	Modules Installed	Quantity	Cover	
505E4-18	5E	4	LVP18E	4	Yes	
505E4-27	5E	4	LVP27E	4		
505E4-65	5E	4	LVP65E	4		
505E8-18	5E	8	LVP18E	8		
505E8-27	5E	8	LVP27E	8		
505E12-18	5E	12	LVP18E	12		
505E12-27	5E	12	LVP27E	12		
505E32-18	5E	32	LVP18E	32		
505E32-27	5E	32	LVP27E	32		
Model #	5E or 6	Pairs	Modules Installed	Quantity	Cover	
505P4	5E*	4	Empty	-	Yes	
505P8	5E*	8	Empty	-		
505P12	5E*	12	Empty	-		
505P32	5E*	32	Empty	-		
Model #	5E or 6	Pairs	Modules Installed	Quantity	Cover	
606	6*	4	Empty	-	Yes	
606-18	6	4	LVP6-18	4		
606-27	6	4	LVP6-27	4		
606-65	6	4	LVP6-65	4		

* Empty blocks must use correct modules to maintain CAT 5E or CAT 6



• 6851 JERICHO TURNPIKE, SUITE 170 • SYOSSET, NY 11791 •
 • 1-800-93PORTA • 1-800-937-6782 • FAX 1-516-682-4636 •

www.portasystems.com

