WIREMOLD

Li legrand®

Sentrex® and Perma Power®

High Performance and Computer Grade Rack Mount and CabinetMATE® Surge Protectors

The Sentrex High Performance Rack Mount Series and the Perma Power Computer Grade Rack Mount and CabinetMATE Surge Protector Series offer a wide range of solutions for communication closet, rack, and cabinet applications. By dissipating and diverting excess voltage, a Sentrex or Perma Power surge protection device keeps your critical systems functioning properly.

Surges can strike once a month or hundreds of times a day. They can penetrate a facility via AC, telephone, and communication lines, or on any wire that enters a building. Surges and noise are also generated inside a building by fluorescent lighting, electric motors, HVAC equipment and office machines. If left unprotected, sensitive communications equipment and valuable data can be damaged or destroyed.

Sentrex and Perma Power rack mount and CabinetMATE surge protectors provide advanced protection for critical electronic and communications equipment. They are an integral part of the Sentrex Zoned Approach to whole building protection.

R8BZ (Front & Back)

R5BZ20 (Front & Back)

Features & Benefits

- **All lines are protected.** Units provide surge protection on all three modes (L-N, L-G, and N-G). Units also have thermal protection on all three lines.

- **400V UL1449 clamping level.** Outstanding protection against harmful surges.

- **EMI/RFI noise reduction.** Protects against data disruption due to electromagnetic or radio frequency interference.

- **Space saving.** Rack mount units fit standard 19" [482mm] relay racks. Compact 1U design takes up minimum space. 23" [584mm] units available, consult factory.

- **Low profile.** CabinetMATE units offer a narrow 1 1/2" x 1 3/16" [38mm x 20mm] aluminum housing.

- **Aesthetically pleasing.** Rack mount units have a black matte finish and a black cord. CabinetMATE units have a gray finish and a black cord.

- **Cord properly rated to load requirements.** 15A units have a 14/3 SJT cord and a NEMA 5-15P plug. 20A units have a 12/3 SJT cord and a NEMA 5-20P plug.

- **Lighted switch available on some units.**

- **Protection indication.** All units have a protection indication light to show the status of the unit.

- **Resettable circuit breaker.** Provides overload protection.

- **Product warranty.** Sentrex rack mount units come with a lifetime product warranty. Perma Power rack mount and CabinetMATE Series units come with a five-year product warranty.

- **UL and cUL Listed or Recognized.** Rack mount units are UL and cUL recognized to UL1449, the Standard for Transient Voltage Surge Suppressors, Second Edition. dated August 15, 1996, including requirements effective February 9, 2007. CabinetMATE units are UL and cUL Listed to UL1449, Second Edition, dated August 15, 1996, including requirements effective February 9, 2007.

Sentrex High Performance Rack Mount Specifications

Surge Protection Circuitry	3 element, 3 stage hybrid circuit
UL1449 Clamping Level	400 Volts (330V L-N only)
Maximum Surge Current	56,000 Amps (32,000 Amps L-N, 12000 Amps L-G, 12000 Amps N-G)
Noise Reduction	+50 dB
Response Time	Less than 1 nanosecond
Product Warranty	Lifetime

Sentrex High Performance Surge Protectors

Catalog No./Item	Description/Specifications
R5S/R5S-15 	**High Performance Surge Protector** – Six rear outlets, lighted switch. 6' [1.8m] or 15' [4.6m] cord.
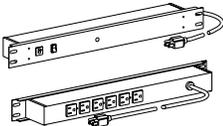
Perma Power Computer Grade Rack Mount Specifications

Surge Protection Circuitry	Single Stage
UL1449 Clamping Level	400 Volts
Maximum Surge Current	36,000 Amps (12,000 Amps L-N, 12,000 Amps L-G, 12,000 Amps N-G)
Noise Reduction	+35 dB
Response Time	Less than 1 nanosecond
Product Warranty	5-Year

Perma Power Computer Grade Surge Protectors

Catalog No./Item	Description/Specifications	Catalog No./Item	Description/Specifications
R8BZ/R8BZ-15 	**Computer Grade Surge Protector** – Eight rear outlets, lighted switch. Receptacles rotated 90° and 4 outlets spaced to accommodate transformers. 6' [1.8m] or 15' [4.6m] cord.	**R5BZ20/R5BZ20-15** 	**20A Computer Grade Surge Protector** – Six 20A rear outlets. On/off switch. 6' [1.8m] or 15' [4.6m] cord.
R5BZ/R5BZ-15 	**Computer Grade Surge Protector** – Six rear outlets, lighted switch. 6' [1.8m] or 15' [4.6m] cord.	**R5BZ20X/R5BZ20X-15** 	**20A Computer Grade Surge Protector** – Six 20A rear outlets. 6' [1.8m] or 15' [4.6m] cord.
R5BZX/R5BZX-15 	**Computer Grade Surge Protector** – Six rear outlets. 6' [1.8m] or 15' [4.6m] cord.		
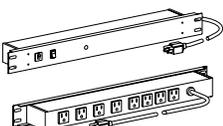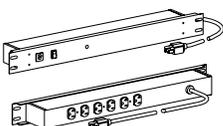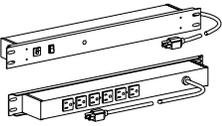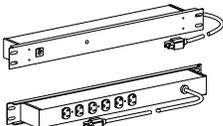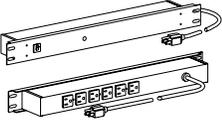
CabinetMATE Specifications

Surge Protection Circuitry	Single Stage
UL1449 Clamping Level	400 Volts (330 L-N only)
Maximum Surge Current	36,000 Amps (12,000 Amps L-N, 12,000 Amps L-G, 12,000 Amps N-G)
Noise Reduction	+35 dB
Response Time	Less than 1 nanosecond
Product Warranty	5-Year

15A CabinetMATE Surge Protectors

Catalog No./Item	Description/Specifications	Catalog No./Item	Description/Specifications	Catalog No./Item	Description/Specifications
4810BCS/ 4810BDS	**CabinetMATE Surge Protector** – Ten outlets. 6' [1.8m] or 15' [4.6m] cord. Length 48" [1.2m].	**7011BCS/ 7011BDS**	**CabinetMATE Surge Protector** – Eleven outlets. 6' [1.8m] or 15' [4.6m] cord. Length 70" [1.8m].	**7712BCS/ 7712BDS**	**CabinetMATE Surge Protector –** Twelve outlets. 6' [1.8m] or 15' [4.6m] cord. Length 77" [2m].
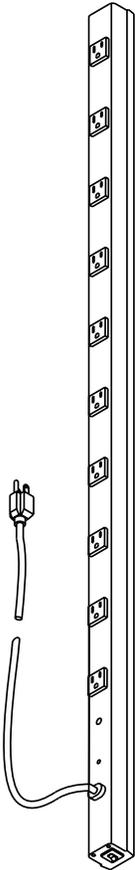
Catalog No.:
2008BCS20R/2008BDS20R

**Description/
Item Specifications:**

20A CabinetMATE Surge Protector – Eight 20A outlets with t-slots. 6' [1.8m] or 15'. Length: 20" [508mm].
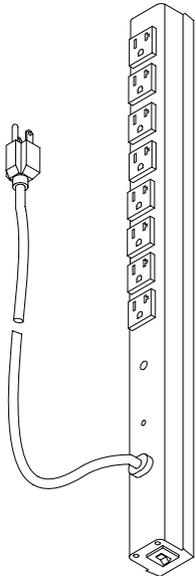
Catalog No.:
4810BCS20R/4810BDS20R

**Description/
Item Specifications:**

20A CabinetMATE Surge Protector – Ten 20A outlets with t-slots. 6' [1.8m] or 15' [4.6m] cord. Length: 48" [1.2m].
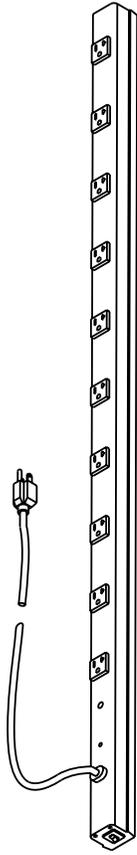
Catalog No.:
7011BCS20R/7011BDS20R

**Description/
Item Specifications:**

20A CabinetMATE Surge Protector – Eleven 20A outlets with t-slots. 6' [1.8m] or 15' [4.6m] cord. Length: 70" [1.8m].
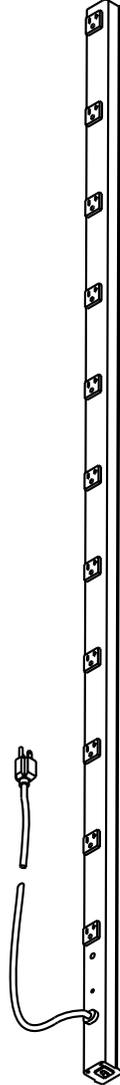
Catalog No.:
7712BCS20R/7712BDS20R

**Description/
Item Specifications:**

20A CabinetMATE Surge Protector – Twelve 20A outlets with t-slots. 6' [1.8m] or 15' [4.6m] cord. Length: 77" [2m].

Questions? Call Technical Support today at 1-800-SENTREX.

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ED638R6 – Updated February 2007 – For latest specs visit www.wiremold.com