












500 Series Power Supplies

Power Supply Options

Module Options	Description	Model
<p>CMR1 <i>Control Module Rack</i></p> 	<p>The Control Module Rack (CMR1) interfaces with the main board and power assembly via a 5" long plug-in cable assembly. It accepts up to three Dual Control Modules (DCM.)</p>	<p>510 515</p>
<p>DCM <i>Dual Control Module</i></p> 	<p>The Dual Control Module (DCM) is a plug-in pc card providing separate sections for control of two individual doors. Each section includes a nine (9) position screw terminal block for output power, control hookup and SPDT dry contact outputs (rated 5amps @ 30VDC.) Included is a plug to accept a Time Delay Module (TDM) for each section. A plug for interfacing a single card (without the CMR option) to the main board and power assembly is included.</p>	<p>510 515</p>
<p>RCM <i>Relay Control Module</i></p> 	<p>The Relay Control Module (RCM) has all the features of the DCM except that, instead of providing output power and SPDT contact, it provides a DPDT dry contact for use in systems that require relay logic control.</p>	<p>510 515</p>
<p>TDM <i>Time Delay Module</i></p> 	<p>The Time Delay Module (TDM) is a plug-in pc card providing an adjustable (0 –30 seconds) delay on relock. It may be added to each individual section of the DCM or RCM card.</p>	<p>510 515</p>
<p>EIR <i>Emergency Interface Relay Module</i></p> 	<p>The Emergency Interface Relay Module (EIR) is a plug-in relay allowing interfacing with fire or other emergency override systems. Upon opening a closed dry contact from an override system, the EIR will cut power at designated output terminals on the power supply, and/or DCM card. The EIR also provides SPDT dry contact outputs (rated 3amp @ 30VDC.)</p>	<p>510 515</p>
<p>EIR-5 <i>Emergency Interface Relay Module</i></p> 	<p>The Emergency Interface Relay Module (EIR-5) is a pc board relay allowing interfacing with fire or other emergency override systems. Upon opening a closed dry contact from an override system, the EIR-5 will cut power at designated output terminals on the power supply. The EIR-5 also provides SPDT dry contact outputs (rated 3amp @ 30VDC.)</p>	<p>505</p>

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<p>SBP1/SBP2 Standby Battery Enclosure</p> 	<p>The Standby Battery Pack (SBP1) option provides one 12VDC, 4amps/hr battery for 12VDC systems.</p> <p>The Standby Battery Pack (SBP2) options provides a pair of 12VDC, 4amps/hr batteries for 12VDC or 24VDC systems (provides 24VDC, 4amps/hr.)</p> <p>Additional batteries may be used to increase the amps/hr output. The cable kit (CAB) provides hardwire for the proper hookup of up to two batteries. It consists of (2) quick connect terminals and (4) one foot long leads with quick connect lugs.</p>	<p>505 510 515</p>
<p>SBE Standby Battery Enclosure</p> 	<p>The Standby Battery Enclosure (SBE) is a 12"x12"x4" steel NEMA Grade 1 enclosure with conduit knockouts and hinged cover with lock down screws. It will hold up to eight SBP batteries, and provides a fused circuit board with screw type output terminals. Quick connect type terminal are provided for easy hookup of batteries for 12VDC or 24 VDC configurations.</p>	
Factory Installed Options	Description	Model
<p>KLC Key Lock Cover</p> 	<p>Cam lock supplied with two keys provides additional security. Includes grounding wire from cover to enclosure.</p>	<p>505 510 515 SBE</p>
<p>PLC Power Line Cord</p> 	<p>Where codes permit, the Power Line Cord provides a convenient and easy installation by plugging into a standard outlet.</p>	<p>505</p>
<p>WCM</p> 	<p>The WCM is designed to provide higher security by accepting a scrambled 32-bit Wiegand protocol output. This plug-in pc card is specifically used with the HandKey[®] II or HandKey CM. It is installed at the factory in either a 510 or 515 power supply or in a CMR rack and provides 2 wet and 2 dry contact outputs (or 4 dry) form "C" contact outputs. It incorporates spike suppression (MOV) and is rated 5 Amp.</p>	<p>510 515</p>

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How To Select Options for 510 and 515 Power Supplies

The versatile 510 and 515 power supplies offer several options and accessories that can be configured at the factory or ordered as modular components and assembled by an authorized distributor. The unique Dual Control Module (DCM) system makes it more convenient than ever to power electronic locking systems.

Dual Control Module (DCM)	Control Module Rack (CMR)	Time Delay Module (TDM)	Emergency Interface Relay Module EIR
Each DCM provides control of two individual zones. Each zone has a 5 amp DPDT control relay	A single DCM Card can attach directly to the main board or a CMR can attach to the main board and accept up to (3) DCM cards. This upgrade is ideal for interlock application	A plug-in TDM providing an adjustable (0-30 seconds) delay on relock can be added to each individual zone of the DCM card	The EIR is a plug-in relay to provide an interface with fire or other emergency override systems

510 Series Options

Each 510 Power Supply is prepped to accept (1) DCM option directly mounted to the box or (1) CMR option (which holds up to (3) DCM, RCM or WCM options in any combination)

DCM, RCM, WCM	AVAILABLE ZONES	CMR	TDM	EIR
0-Basic	1	0	0	0 or 1
1	2	0 to 1	Up to 2	0 or 1
2	4	1	Up to 4	0 or 1
3	6	1	Up to 6	0 or 1

515 Series Options

Each 515 Power Supply is prepped to accept (2) DCM option directly mounted to the box, or up to (2) CMR options (which holds up to (3) DCM, RCM or WCM options each in any combination)

DCM, RCM, WCM	AVAILABLE ZONES	CMR	TDM	EIR
0-Basic	1	0	0	0 or 1
1	2	0 to 1	Up to 2	0 or 1
2	4	0 or 1	Up to 4	0 or 1
3	6	1	Up to 6	0 or 1
4	8	1 or 2	Up to 8	0 or 1
5	10	2	Up to 10	0 or 1
6	12	2	Up to 12	0 or 1