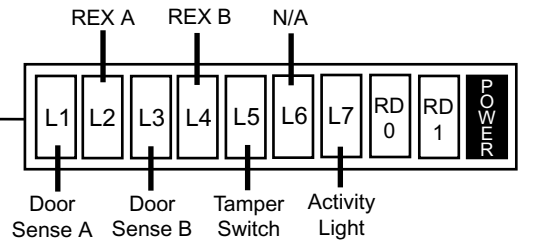
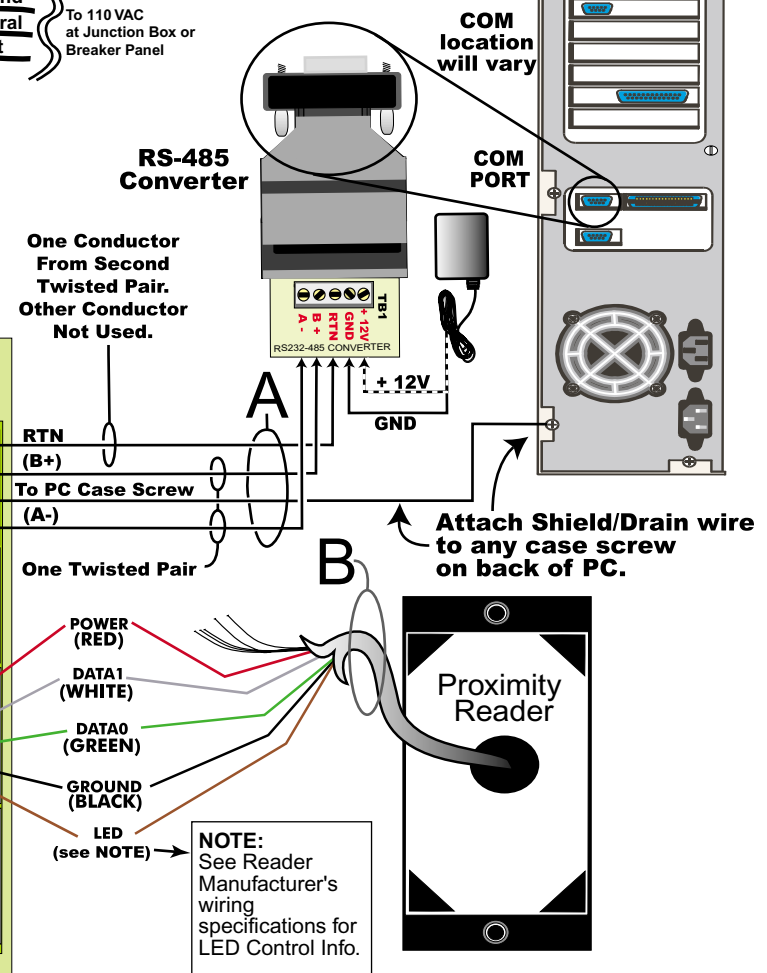
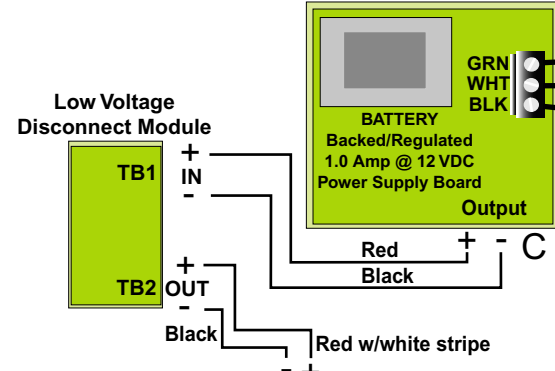
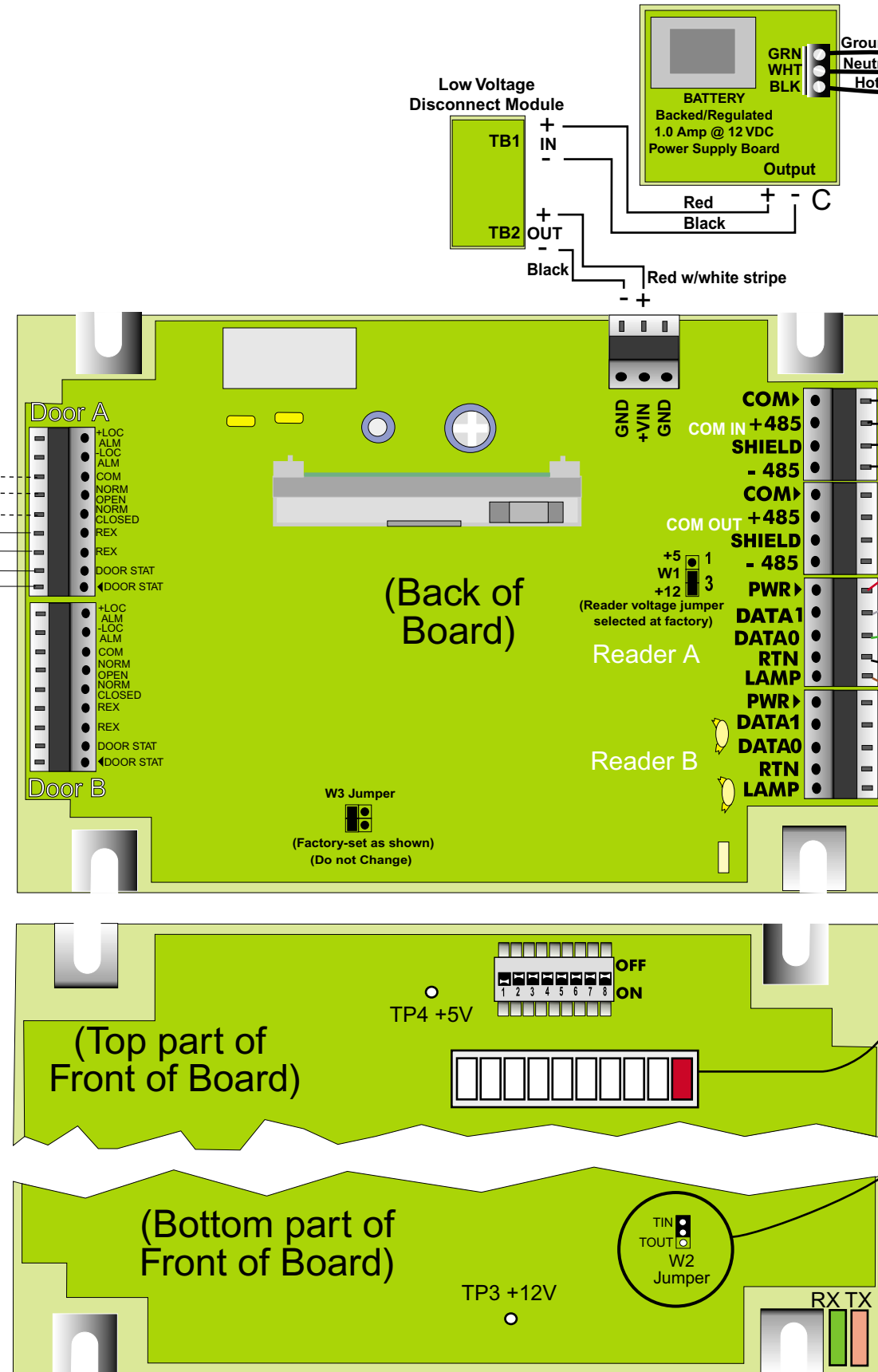
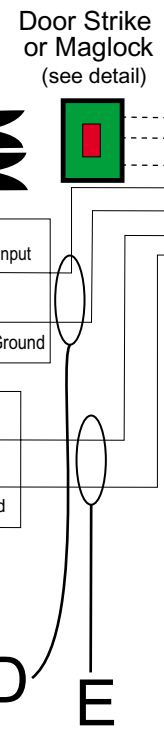
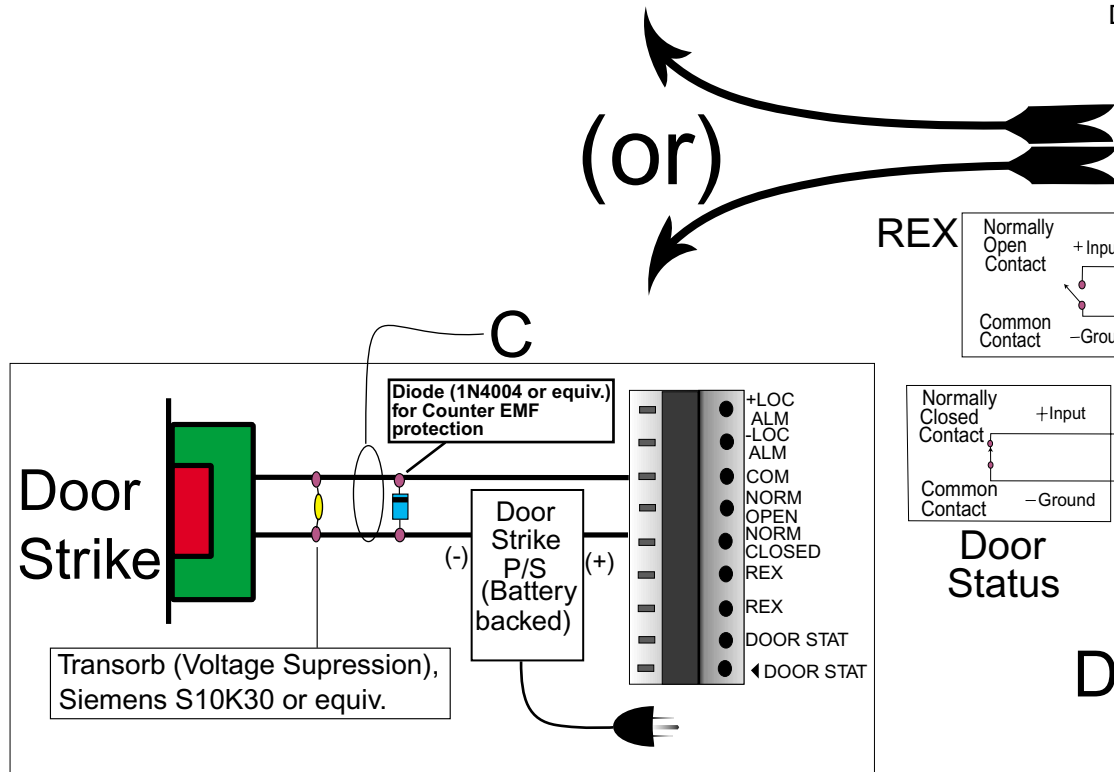
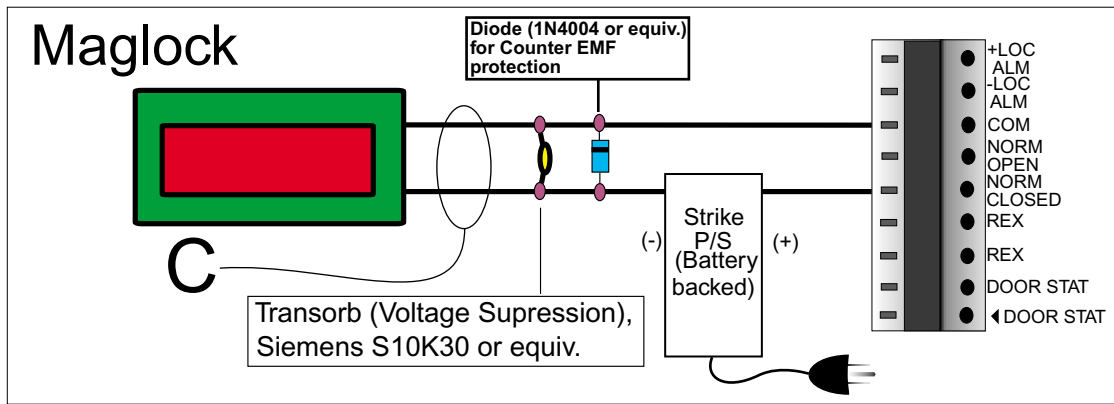


Quick Installation Guide

For multi-EMC config. instructions, refer to the other side.



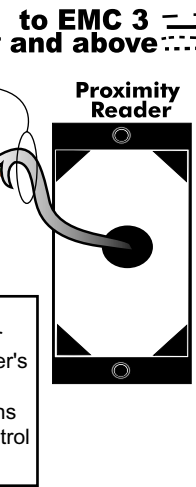
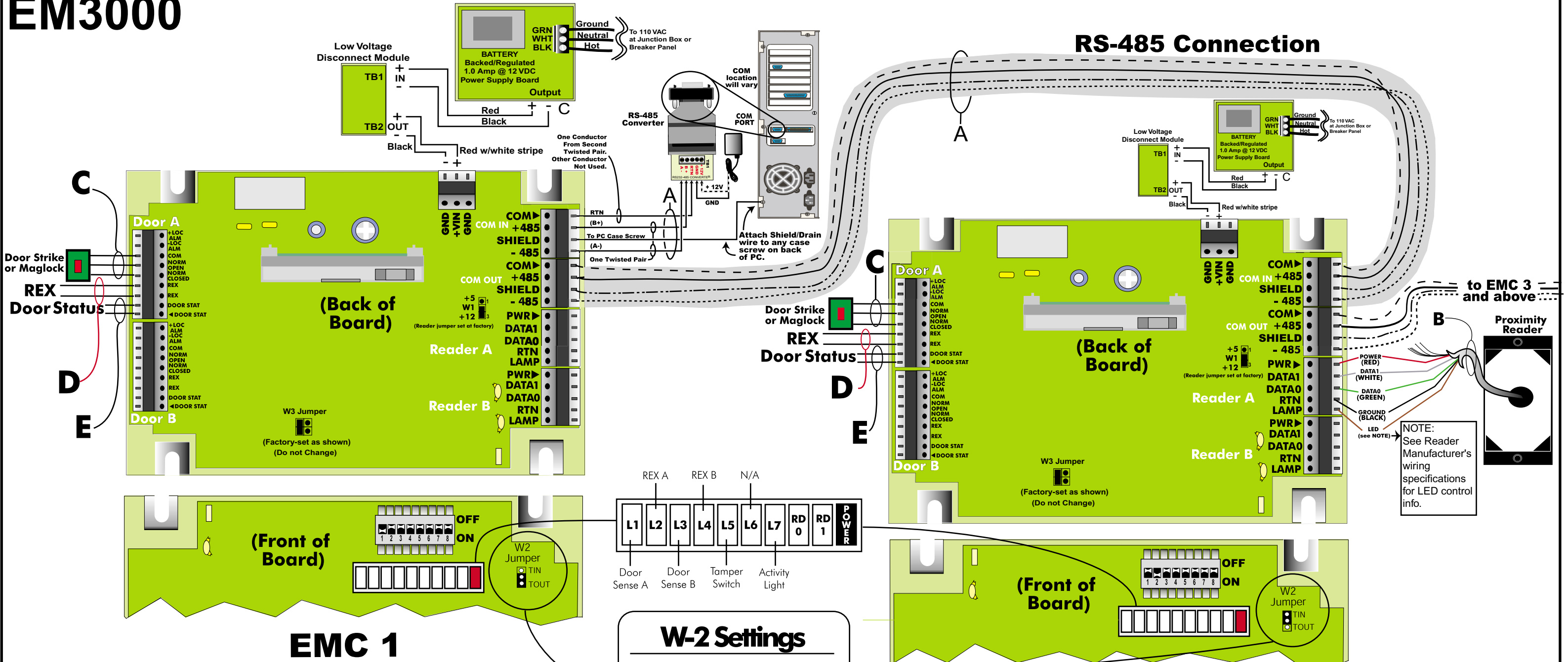
CABLING INFORMATION

| Ref. | Connection | Conductors | A.W.G Gauge | Max ft. |
|------|-----------------------------|------------|-------------|-----------------|
| A | RS-485 Communications Cable | 4* | #24 | 4000** (1220 m) |
| B | Proximity Reader to EMC | 6 | #22 | 500 (152 m) |
| C | Door Strike to EMC | 2 | #18 | 500 (152 m) |
| D | REX to EMC | 2 | #22 | 1000 (305 m) |
| E | Door Status Contact | 2 | #22 | 500 (152 m) |

-All cabling must be stranded with overall shielding.
-Ground all (except RS-485) cable shield/drain wires to ground screw in cabinet. Follow open-ended grounding method (i.e., tape back shield/drain wire at other end).
*One conductor not used from one of RS-485 twisted pairs.
**End to end.

For a Stand-Alone System: Keep W2 jumper in TIN position.
For a Multi-EMC System: refer to other side of sheet.





CABLING INFORMATION

| Ref. | Connection | Conductors | A.W.G Gauge | Max ft. |
|------|------------------------------|------------|-------------|-----------------|
| A | RS-485 Converter to last EMC | 4* | #24 | 4000** (1220 m) |
| B | Proximity Reader to EMC | 6 | #22 | 500 (152 m) |
| C | Door Strike to EMC | 2 | #18 | 500 (152 m) |
| D | REX to EMC | 2 | #22 | 1000 (305 m) |
| E | Door Status Contact | 2 | #22 | 500 (152 m) |

-All cabling must be stranded with overall shielding.
-Ground all (except RS-485) cable shield/drain wires to ground screw in cabinet. Follow open-ended grounding method (i.e., tape back shield/drain wire at other end).
*One conductor not used from one of RS-485 twisted pairs.
**End to end.

W-2 Settings

TIN Stand-alone; or last EMC in a multi-EMC system.
TOUT W2

TIN All except last EMC in a multi-EMC system.
TOUT W2

EMC Address Dipswitching

(For a multi-EMC system, the EMC boards must be addressed in order, starting with Address 1).

EMC 1 **EMC 2**

OFF ON OFF ON

Note: For additional addressing, refer to the EM3000 Installation Manual.