

# CURRENT DRAW CHART

## DMP Products Current Draw Chart

This Current Draw Chart lists DMP products and the amount of current they each draw. Devices are measured at 12 VDC unless otherwise noted. Use this chart for assistance when calculating standby battery calculations and other panel current draw calculations. For a list of notification appliances and the current they each draw, refer to LT-0481 Notification Appliance Current Draw Chart.

| Keypads                                   | Standby                          | Alarm  |
|---|----------------------------------|--|
| ePAD Virtual Keypad                       | 80mA                             | 80mA   |
| 630F Remote Annunciator                   | 63mA                             | 92mA   |
| 690 Security Command© Keypad              | 77mA                             | 84mA   |
| 690F Fire Command™ Keypad                 | 77mA                             | 84mA   |
| 692 LED Security Command© Keypad          | 30mA                             | 70mA   |
| 692F Fire Command™ Keypad                 | 30mA                             | 70mA   |
| 693 Easy Entry™ LCD Keypad                | 92mA                             | 120mA  |
| 770 Security Command© LCD Keypad          | 100mA<br>+ 1.6mA per active zone | 100mA<br>+ 20mA w/ annunciator On<br>+ 2mA per zone in alarm |
| 790 Security Command© LCD Keypad          | 77mA<br>+ 1.6mA per active zone  | 84mA<br>+2mA per zone in alarm                               |
| 790F Fire Command™ LCD Keypad             | 77mA<br>+ 1.6mA per active zone  | 84mA<br>+2mA per zone in alarm                               |
| 793 Easy Entry™ LCD Keypad                | 92mA<br>+ 1.6mA per active zone  | 120mA<br>+ 2mA per zone in alarm                             |
| 7060 Thinline™/7060A Aqualite™ LCD Keypad | 72mA                             | 87mA   |
| 7063 Thinline™/7063A Aqualite™ LCD Keypad | 85mA                             | 100mA  |
| 7070 Thinline™/7070A Aqualite™ LCD Keypad | 72mA<br>+ 1.6mA per active zone  | 87mA<br>+ 2mA per zone in alarm                              |
| 7073 Thinline™/7073A Aqualite™ LCD Keypad | 85mA<br>+ 1.6mA per active zone  | 100mA<br>+ 2mA per zone in alarm                             |
| 7760 Clear Touch™ Keypad                  | 65mA                             | 115mA  |

| <b>Expansion Modules</b>                      | <b>Standby</b>   | <b>Alarm</b>   |
|---|--|--|
| 708 Bus Extender Module                       | 20mA per pair  | 20mA per pair  |
| 710 Splitter/Repeater Module                  | 30mA   | 30mA   |
| 710F Splitter/Repeater Module                 | 40mA   | 40mA   |
| 711 Single Point zone Expander Module         | 7mA<br>+ 1.6mA per zone                                  | 7mA<br>+ 2mA per zone  |
| 712-8 Eight Point Zone Expander Module        | 17mA<br>+ 1.6mA per active zone                          | 17mA<br>+ 2mA per active zone  |
| 714 Four Point Zone Expander Module           | 7mA<br>+ 1.6mA per zone                                  | 7mA<br>+ 2mA per zone  |
| 714-8 Eight Point Zone Expander Module        | 20mA<br>+ 1.6mA per zone                                 | 20mA<br>+ 2mA per zone   |
| 714-16 Sixteen Point Zone Expander Module     | 20mA<br>+ 1.6mA per zone                                 | 20mA<br>+ 2mA per zone   |
| 715 Four Point Zone Expander Module           | 7mA<br>+ 4mA per active zone<br>+ .1mA per 2-wire smoke  | 7mA<br>+ .1mA per 2-wire smoke<br>+ 30mA per smoke detector in alarm<br>+ 58mA per shorted zone  |
| 715-8 Eight Point Zone Expander Module        | 20mA<br>+ 4mA per active zone<br>+ .1mA per 2-wire smoke | 20mA<br>+ .1mA per 2-wire smoke<br>+ 30mA per smoke detector in alarm<br>+ 58mA per shorted zone |
| 715-16 Sixteen Point Zone Expander Module     | 20mA<br>+ 4mA per active zone<br>+ .1mA per 2-wire smoke | 20mA<br>+ .1mA per 2-wire smoke<br>+ 30mA per smoke detector in alarm<br>+ 58mA per shorted zone |
| 716 Output Expander Module<br>LX-Bus Only     | 7mA  | 7mA<br>+ 28mA per active relay   |
| 717 Graphic Annunciator Module<br>LX-Bus Only | 10mA   | 10mA<br>+ 1mA per active output  |
| 725 Zone Expander                             | 8mA<br>+ 4mA per active zone                             | 20mA<br>+ .1mA per 2-wire smoke<br>+ 30mA per smoke detector in alarm<br>+ 58mA per shorted zone |
| 736P Radionics™ POPIT Interface Module        | 25mA   | 25mA   |
| 738A Ademco™ Interface Module                 | 75mA   | 75mA   |
| 738I ITI™ Interface Module                    | 42mA   | 42mA   |
| 739 X10 Interface Module                      | 13mA   | 13mA   |
| <b>Interface Cards</b>                        | <b>Standby</b>   | <b>Alarm</b>   |
| 460 Interface Adaptor Card                    | 7mA  | 7mA  |
| 461 Interface Adaptor Card                    | 7mA  | 7mA  |
| 462N Network Interface Card                   | 50mA   | 50mA   |
| 462P Printer Interface Card                   | 50mA   | 50mA   |
| FA472 Interface Card                          | 85mA   | 85mA   |
| 481 Expansion Interface Card                  | 15mA   | 15mA   |

| <b>Auxiliary Modules</b>                                   | <b>Standby</b>          | <b>Alarm</b>  |
|--|-------------------------|---|
| 860 Relay Output Module                                    | 34mA (One relay active) | 138mA (Four relays activated)   |
| 865 Style Y/Z Notification Module                          | 26mA                    | 85mA  |
| 866 Style W Notification Module                            | 45mA                    | 75mA  |
| 867 LX-Bus™ Addressable Notification Module<br>LX-Bus Only | 30mA                    | 80mA  |
| 869 Style D Initiating Module                              | 25mA                    | 75mA  |
| 893/893A Dual Phone Line Module                            | 12mA                    | 50mA  |
| 895 Voice Module   | 50mA                    | 125mA   |
| <b>Smoke Detectors</b>                                     | <b>Standby</b>          | <b>Alarm</b>  |
| SLR-835B/BH Photoelectric Smoke Detector                   | 38mA                    | 150mA   |
| 521B/BXT Sentrol© Smoke Detector                           | 70mA @ 24 VDC           | 60mA @ 24 VDC   |
| 521LX/LXT Sentrol© Smoke Detector                          | 8.8mA                   | 28mA  |
| SLR-835 Smoke Detector Head                                | 38mA                    | 150mA maximum   |
| SLR-835H Heat/Smoke Detector Head                          | 38mA                    | 150mA maximum   |
| <b>Intrusion Detectors</b>                                 | <b>Standby</b>          | <b>Alarm</b>  |
| 3045 Sentrol© Panic  | 6mA                     | 8mA   |
| 5812A ShatterPro™ Glassbreak                               | 12mA                    | 25mA  |
| 5820A ShatterPro™ Glassbreak                               | 12mA                    | 25mA  |
| 5845LX ShatterPro™ Glassbreak                              | 15mA                    | 20mA  |
| PI 6000 Sharpshooter™ w/ Pet Immunity                      | 14mA                    | 20mA  |
| 6155 Sharpshooter™ PIR                                     | 8mA                     | 10mA  |
| 6155LX Sharpshooter™ PIR                                   | 23mA                    | 25mA  |
| AP-633 Sentrol© Mirror Optic PIR                           | 13mA                    | 25mA  |
| AP-669 Sentrol© 360° PIR                                   | 11mA                    | 13mA  |
| AP-750 Wall-Mount PIR                                      | 9mA                     | 12mA  |
| RX-40PI Optex™ 40' x 40' PIR w/ Pet Immunity               | 17mA                    | 17mA  |
| FX-360 Optex™ 360° PIR w/ Pet Immunity                     | 17mA                    | 18mA  |
| CX-702 Optex™ 70' x 70' PIR                                | 20mA                    | 20mA  |
| EX-35T Optex™ 35' x 35' PIR                                | 18mA                    | 18mA  |
| SX-360Z Optex™ Extra Long Range 360° PIR                   | 13mA                    | 18mA  |
| DX-40 Optex™ PIR/ Microwave Detector                       | 12mA                    | 35mA  |
| MX-40PI Optex™ 40 x 40 PIR w/Pet Immunity                  | 18mA                    | 20mA  |
| KX-08 Optex™ Ceiling Mount PIR                             | 17mA                    | 17mA  |
| EVD-1 Electronic Vibration Detector                        | 26mA                    | 34mA  |
| EVD-2 Electronic Vibration Detector                        | 34mA                    | 41mA  |
| HSC-1 and HSC-2 High Security Contacts                     | No current draw         | Switch Rating<br>100 VDC maximum switching voltage<br>250mA maximum switching current<br>3 Watts maximum power rating |
| HUB-M Hold-up Button                                       | No current draw         | Switch Rating 3 Amps @ 28V DC/AC  |
| HUB-T Hold-up Button                                       | No current draw         | Switch Rating 3 Amps @ 23V DC/AC  |
| VSA-S Vault Sound Alarm                                    | 20mA                    | 25mA  |
| Tane-60  | Carry Current 1 Amp     | No current draw   |
| Tane-WSI   | 10mA                    | 10mA  |

| <b>Access Control</b>                            | <b>Standby</b>                  | <b>Alarm</b>   |
|--|---------------------------------|--|
| 485 Enhanced Expansion Card                      | 45mA                            | 45mA   |
| 485 B Enhanced Expansion Card                    | 45mA                            | 45mA   |
| 570 Easy Entry™ RF Series Receiver and LED Plate | 20mA                            | 20mA   |
| 572 Indicator LED                                | 20mA when illuminated           | 20mA when illuminated  |
| 733 Wiegand™ Interface Module                    | 30mA<br>+ 1.6mA per active zone | 30mA<br>+ 20mA w/ annunciator On<br>+ 2mA per zone in alarm                    |
| 734 Wiegand™ Interface Module                    | 15mA<br>+ 1.6mA per active zone | 15mA<br>+ 20mA with Annunciator ON<br>+ 2mA per faulted zone<br>35mA at 12 VDC |
| Form C Relay                                     |                                 |  |
| OP-08CB Motion Detector                          | 21mA                            | 46mA   |
| PP-6005B ProxPoint® Plus Reader                  | 30mA                            | 30mA   |
| MP-5365 MiniProx™ Reader                         | 20mA                            | 20mA   |
| PR-5455 ProxPro® II Reader                       | 25mA                            | 25mA   |
| MX-5375 MaxiProx® Reader                         | 200mA                           | 200mA  |
| TL-5395 ThinLine II® Reader                      | 20mA                            | 20mA   |
| <b>Wireless Receivers</b>                        | <b>Standby</b>                  | <b>Alarm</b>   |
| 1100X/1100D DMP Wireless Receiver                | 40mA                            | 40mA   |
| FA400-DMP Remote Inovonics Receiver              | 40mA                            | 40mA   |
| FA426 16-Point Receiver                          | 47mA                            | 47mA   |
| <b>Network Communications</b>                    | <b>Standby</b>                  | <b>Alarm</b>   |
| iCOM™ Network Alarm Router                       | 78.1mA                          | 78.1mA   |
| iCOM-E Encrypted Network Alarm Router            | 78.1mA                          | 78.1mA   |
| iCOM <sub>SL</sub> Network Alarm Communicator    | 80mA                            | 80mA   |
| Ether-Com  | 700mA @ 6 VDC                   | 700mA @ 6 VDC  |
| Ether-Com XR                                     | 200mA                           | 200mA  |
| Secure-Com Cell Pack                             | 200mA                           | 2 Amps when Transmitting   |

|   |                 |                                      |
|---|-----------------|--------------------------------------|
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