CR-MCP100

Matrix control keyboard

CR-MCP100 matrix control keyboard is mainly used together with CREATOR platinum matrix series. CR-MCP100 can realize multi-dot remote switching control operation on matrix through the RS-485 communication interface.

Features

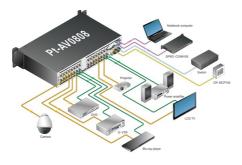● With 15 key control keyboard, segment code LCD operation state display.

● Multi-dot remote switching control operation on matrix through the RS-485 communication interface.

● Stable data communication;

● Low power consumption, directly powered by the matrix keyboard interface.

● Wall -embedded design, easy installation and maintenance.

Specifications

<table>
<tr><th colspan="2">The parameter name</th><th>CR-MCP100</th></tr>
<tr><td rowspan="6">MATRIX control interface</td><td>MATRIX control interface</td><td>4 3.8mm Phoenix block</td></tr>
<tr><td>Using way</td><td>Be used together with CREATOR platinum matrix series</td></tr>
<tr><td>MATRIX control structure</td><td>÷5V=DC5V , + = DATA+, -=DATA- GND = Signal ground</td></tr>
<tr><td>Means of communication</td><td>RS-485</td></tr>
<tr><td>Baud rate and protocol</td><td>Baud rate: 9600, data bits: 8, Stop bit: 1, No parity (one-way transmission of data)</td></tr>
<tr><td>Proposed data transmission distance</td><td>100m</td></tr>
<tr><td rowspan="7">Specifications</td><td>Power supply</td><td>DC5V, provided directly by the connected matrix</td></tr>
<tr><td>Temperature</td><td>Storage, use temperature：−20° ~ +70°C</td></tr>
<tr><td>Humidity</td><td>Storage, use humidity：10% ~ 90%</td></tr>
<tr><td>Power</td><td>≦0.5W</td></tr>
<tr><td>Weight</td><td>0.5Kg</td></tr>
<tr><td>Mean time between failures</td><td>30000 hours</td></tr>
<tr><td>Warranty</td><td>1 year free warranty, life-long maintenance</td></tr>
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Diagram