

LIGHTING CONTROL PANEL



FEATURES

Heavy-duty, Type 3R, Externally mounted fused disconnect switch.

Externally mounted meter socket, rated Type 3R.

NEMA rated lighting contactor in electrically held and mechanically held types.

Main lug only, load centers populated to match the lighting contactor.

Tork time clock and photocell.

Heavy duty 30mm "Hand-Off-Auto" switch for bypass operation.

Terminal blocks are provided for easy customer connections of lighting loads.

Drawings are available, please consult factory.

Space can be provided for customer installed equipment such as irrigation control panels or advanced time controls.

Heavy-duty 12 gauge galvanized steel powder coated enclosure with pad-lockable provisions.

Consult factory for custom configurations and options such as stainless steel enclosures, outlet plugs, PLC controlled units, etc.

Multiple install locations include:

Aspen/Snowmass Fastracks Denver Light Rail Project
 Union Station Denver Arizona Light Rail
 University of Colorado

Customers include:

| | | |
|-------|----------------|------------------------------|
| QED | GE | GRAYBAR |
| WESCO | GEXPRO | CITY/COUNTY OF DENVER |
| CDOT | ARROW | CITY OF WHEAT RIDGE |
| WYDOT | CITY OF ARVADA | DENVER INTERNATIONAL AIRPORT |

We manufacture control panels for indoor or outdoor lighting applications, such as parking lots and ball parks (stadiums). The panels include PLC controls, lighting contractor, time clocks, control power transformers, protective devices, pilot devices, etc. Lighting control panels are fully wired and tested to meet the specific requirements of the customer.

OPTIONS

Environmentally rated enclosures.

Custom paint colors.

Type 4, 4X and 12.

Aluminum and Stainless Steel.

Time clock.

Daylight harvesting.

Higher ampage.

APPROVALS

U.L. 508A listed and factory tested.



**UL LISTED AS UL508A
INDUSTRIAL CONTROL PANEL
60A, 1Ø, 240/120VAC, 5KAIC, 60Hz**

LCP-100-3-12-3-3R

EXTERNAL COMPONENTS SUCH AS METER SOCKET AND SAFETY SWITCH ARE RATED TYPE 3R EVEN ON TYPE 4 AND 4X EASTER-OWENS ENCLOSURES UNLESS SPECIFIED.

MODEL SHOWN HERE IS: "LCP-60-1-8-1-3R"

ENCLOSURE ENVIRONMENTAL TYPE RATING, "3R" OR "4" OR "4X"

AUTOMATIC CONTROL METHOD: "1" = PHOTOCELL CONTROL,

"2" = PHOTOCELL ON AND ASTRONOMICAL TIME CLOCK OFF,

"3" = TIME CLOCK CONTROL ONLY (NO PHOTOCELL)

OF ELECTRICALLY HELD CONTRACTOR POLES, "4", "8" OR "12"

VOLTAGE: "1" = 240/120VAC 1Ø/3W OR "3" = 208/120VAC 3Ø/4W

AMPERAGE: "60", "100", "200" OR "400"

LIGHTING CONTROL PANEL

| QTY PER PANEL | PART NUMBER | MANF. | DESCRIPTION |
|---------------|------------------|-----------------|---|
| 1 | CUSTOM | EASTER-OWENS | TYPE 3R ENCLOSURE, 12 GA. GALVANNEAL, GASKETED DOOR, POWDERCOAT ASA-61 GREY, BACKPANEL POWDERCOAT WHITE |
| 1 | Q0112L125G | SQUARE D | LOAD CENTER, 120/240V, 1Ø, 3W, 10KAIC (MAX.), 125A COPPER BUS, TYPE 1 MLO, 12 CIRCUIT |
| 1 | Q0C16US | SQUARE D | LOAD CENTER COVER WITH FOOR, SURFACE MOUNT |
| 1 | PK9GTA | SQUARE D | LOAD CENTER GROUND BUS |
| 1 | Q0120 | SQUARE D | LOAD CENTER CIRCUIT BREAKER 20A/1P |
| 1 | Q0115 | SQUARE D | LOAD CENTER CIRCUIT BREAKER, 15A/1P |
| 3 | Q0230 | SQUARE D | LOAD CENTER CIRCUIT BREAKER, 30A/2P |
| 1 | 8903L080V02 | SQUARE D | LIGHTING CONTRACTOR, 8 POLE, 30A, 120VAC COIL, ELECTRICALLY HELD |
| 1 | 502283 | EASTER-OWENS | SELECTOR SWITCH BRACKET |
| 1 | 9001KS43BH1 | SQUARE D | 3 POSITION SELECTOR SWITCH, "HAND-OFF-AUTO" |
| 5 | UK 5 N (3004362) | PHOENIX CONTACT | TERMINAL BLOCK, 6.2 MM WIDE |
| 1 | H322NRB | SQUARE D | SAFETY SWITCH TYPE 3R, 60A, 240V, 1Ø, FUSED TYPE |
| 1 | GTK03 | SQUARE D | SAFETY SWITCH GROUND BUS |
| 1 | RFK03H | SQUARE D | SAFETY SWITCH CLASS R FUSE KIT |
| 2 | FRN-R-60 | BUSSMANN | FUSE, CLASS R, 250V, 60A |
| 1 | U4801-XL-5T9 | MILBANK | METER SOCKET, 5 JAW WITH LEVER BYPASS, 200A TYPE 3R |
| 1 | TWRVGF20W | COOPER | RECEPTACLE, GFI 20A |
| 1 | 58361-1/2 | STEEL CITY | HANDY BOX, 2x4 |
| 1 | 2101 | TORK | PHOTOCELL, ZINC DIE CAST WITH ADJUSTABLE WINDOW |
| 1 | CUSTOM | EASTER-OWENS | NAMEPLATE: "LIGHTING CONTROL PANEL" (WHITE W/BLACK TEXT PSA MOUNTING) 1/4" HIGH TEXT, 1"x4" |



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| 1 | Q0C24US | SQUARE D | LOAD CENTER COVER WITH FOOR, SURFACE MOUNT |
| 1 | Q0120 | SQUARE D | LOAD CENTER CIRCUIT BREAKER, 20A/1P |
| 1 | Q0115 | SQUARE D | LOAD CENTER CIRCUIT BREAKER, 15A/1P |
| 8 | Q0130 | SQUARE D | LOAD CENTER CIRCUIT BREAKER, 30A/1P |
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REFERENCE INFORMATION



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