

Ferraz Shawmut

Engineering Products Division



Street Light Distribution
Equipment

Ferraz Shawmut

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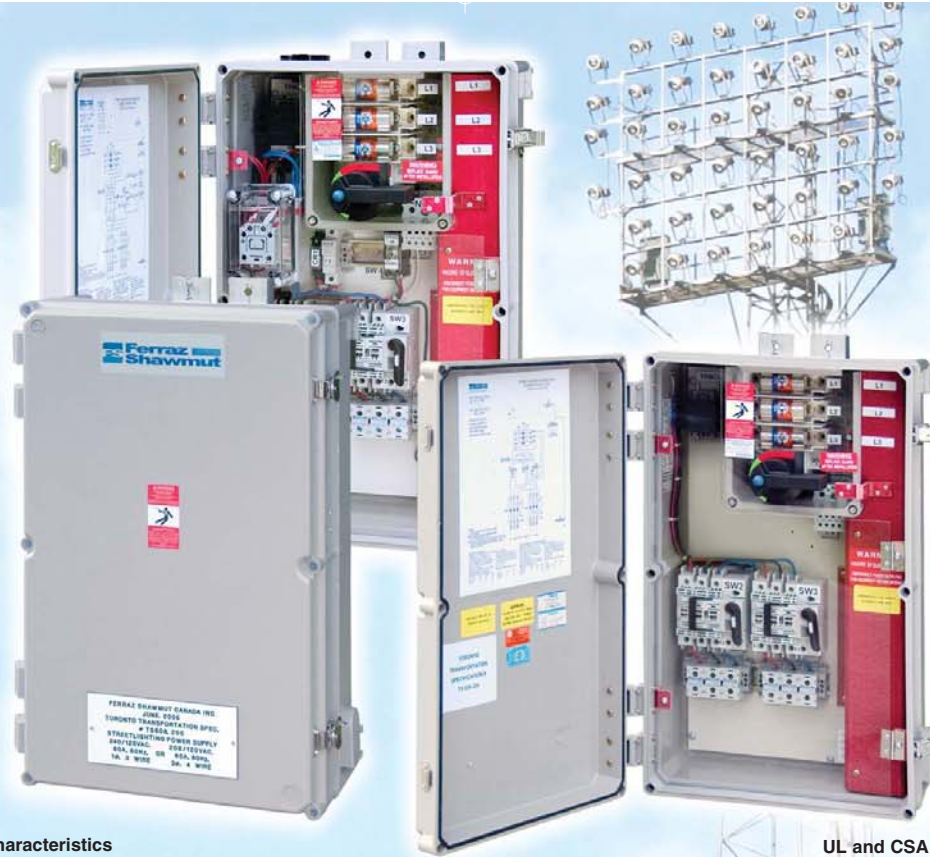


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Street Lighting Distribution Fusible Switch Panel

EP142 Range 60A*, 240/120V 1j or 280/120V 3j

- Designed to meet Service Entrance requirements as per Section 30 of the of the Canadian Electrical Code
- Long life maintenance free design
- Enclosure is glass fibre reinforced polyester for total insulation
- Waterproof NEMA 4X, (3R with enclosure ventilation)
- Meets OSHA lockout / tagout requirements
- Neutral bonding and grounding provisions
- Standardized mounting hardware for pole or wall installations
- Thermally protected transient voltage surge suppression standard
- Standardized photo-electric / contractor control for all branch circuits c/w Manual bypass for maintenance
- spacious branch circuit wiring area
- In-line branch circuit wiring (no bending required for most installations)
- Multiple access points for service entrance conductors (top, bottom, side or back)
- Dead front & finger-safe design for safe electrical connections
- 600/347VAC model also available



Enclosed Fusible Disconnects

EP130 Range

120 to 347VAC

30A, 60A* single phase * - Front Operated

- Designed to meet Service Entrance requirements as per Section 30 of the of the Canadian Electrical Code
- Enclosure is fibreglas reinforced polyester for total insulation
- Waterproof NEMA 4X rated enclosure
- Standard ON-OFF operation
- Meets OSHA lockout / tagout requirements
- Neutral bonding and grounding provisions
- Pole and/or wall mounting options **
- Dead front finger-safe electrical connections

UL and CSA Technical Characteristics

SWITCH PANEL SPECIFICATIONS:

Catalogue Number	EP142-60-C	Weight, lbs (kg)	37 (17)
Dimensions H x W x D, in. (mm.)	24" x 15 x 10" (620 x 390 x 260)	Branch circuits	6

MAIN SWITCH SPECIFICATIONS:

BRANCH CIRCUIT SWITCH SPECIFICATIONS:

Rating Amp	60	Rating, Amp	30
Fuse Type	J	Fuse Type	CC
Short circuit rating with fuses, kA	200	Short circuit rating with fuses, kA	50
Fuse rating, A	60	Fuse rating, A	30
Electrical endurance, make/break cycles	6000	Electrical endurance, make/break cycles	6000
Mechanical endurance	10000	Mechanical endurance	10000
Wire range AWG	#10 - #2	Wire Range AWG	#14 - #2
Rated insulation voltage Ui, V	750	Rated insulation voltage Ui, kV	800
Rated impulse voltage Uimp, kV	8	Rated impulse voltage Uimp, V	8

- Approvals: CSA, NEMA 4X, UL 98 & UL508
- ESA, CSA special inspection approved
- * Other amperages available. Consult factory for more information



UL and CSA Technical Characteristics

Catalogue Number	EP130-30-4	EP130-60-4
Rating, Amp	30	60
Fuse Type	J	J
Short circuit rating with fuses, kA	200	200
Fuse rating, A	30	60
Mechanical endurance	10000	10000
Dimensions H x W x D, in.	12" x 7" x 8"	12" x 7" x 8"
Switch operating torque, lb. in.	88	88
Wire range AWG	#10 up to #2	#10 up to #2
Rated insulation voltage Ui, kV	8	8
Rated impulse voltage Uimp, V	750	750

- Continuous load current not to exceed 80% of the rating of fuses employed in other than motor circuits
- The switch is suitable for use on a circuit capable of delivering not more than 200kA RMS symmetrical 600V max. #2 to #10 AWG Cu or Al
- Approvals: CSA C22.2 No. 4 & No. 94, IEC 529, NEMA 4X, UL 98 & UL508
- CSA / ESA special inspection approved
- * Other amperages and phases available. Consult factory for more information
- ** for wall mount option add -W to catalogue number