



Street Lighting Feeder Pillar



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Application

The Indkom Outdoor Street Lighting Feeder Pillar (SLFP) specifically covers the design and construction of an LV 100AMP, 3-way and 415V distribution system. It basically comprises of one unit of 100AMP rated NH-Type 3-pole fuse switch for the incoming and three units of 3 x 60AMP outgoing fuse links. Other components mounted within the metal enclosure include AC1-rated magnetic contactors and its ancillary control.

The Indkom SLFP is suitable for use in the tropical zone and hot climate with a maximum ambient temperature of 40°C and a mean annual temperature of 30°C, and is able to withstand heavy rainfall and a high humidity of up to 100%. It is designed for continuous operation in a 3-phase, 4-wires, 50Hz directly neutral earthed system.

For customized units, configurations can be designed to accommodate the client's specific requirements.

Design and Construction

The metal enclosure is made of a 2.00mm thick mild steel sheet. Epoxy polyester powder is used for a coated finishing.

The doors are lockable hinged-type with padlocking facilities, with 110 degrees opening access. The base is detachable, suitable for outdoor mounting. The enclosure is also provided with a watershed rooftop to prevent water from accumulating.

The degree of protection is IP44 in accordance to IEC 60529:1989-11 standard, i.e. protection against ingress of water and foreign object.



Type: SLFP-100

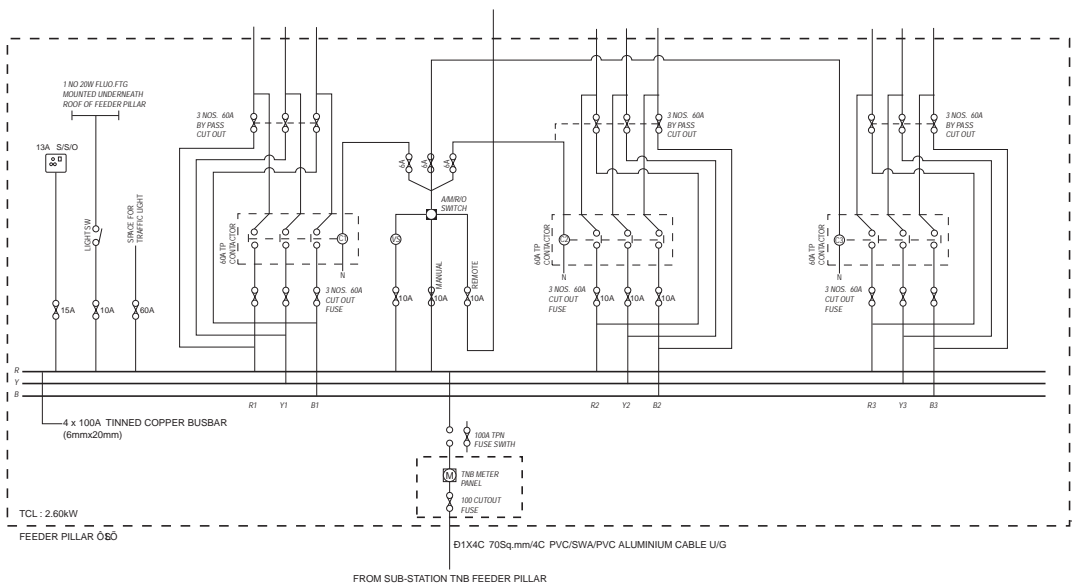
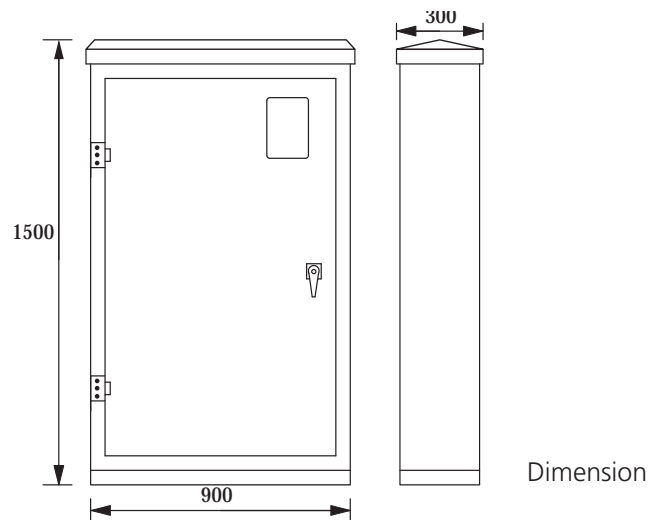


Inside wiring of the SLFP-100



Technical Specifications

Material Type	Mild steel with powder coating paint
Thickness (mm)	2mm
Rated Incoming Current	100A/200A
Rated Voltage	415/240V
Power Frequency Voltage 1 min	2500V
Frequency	50Hz
Rated Outgoing Current	3W/2W - 3 x 63A
Protection Degree	IP44
Dimension	1500mm (H) x 900mm (W) x 300mm(D)



Schematic drawing

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