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<td>Streetlight Supply Box (Joint Use Only) Layout &amp; Wiring Details 1-13-6-1</td>
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NOTES:

1. Minimum size of wiring as stated, single core multistranded single insulated with min temperature rating of 75°C.
2. Overall dimensions of Box are nominal only - standard production units preferred. Gear Tray to be securely fixed to box.
3. Terminal blocks thus shown 'X' must be colour coded or labelled.
4. This is an optional requirement.

MANUFACTURE:
In accordance with drawing unless otherwise specified.

RATING:
Box to suit maximum size of control gear configuration (i.e. largest)

TOLERANCE:
±0.2mm unless otherwise specified

MATERIAL:
Box - Pressed or Cast Aluminium (Note 2)
Gear Box - Aluminium or Steel (Flat Sheet)

FABRICATION:
(a) Standard production box preferred. Note 2.
(b) All sharp edges and burrs to be removed.
(c) Lid to be hinged on L/H Side when viewed from front.

PROTECTIVE COAT:
Hot Dip Galvanised in accordance with AS 1650

MARKING:
As shown.

STOCK CODE:
05399

ZELLWEGER STREETLIGHT RELAY BOX

PART DESCRIPTION S.C. QTY
250 Mounting Rail, TH35 7.5 11173 AR
252 CB SP 240V 15/16A 6kA 15885 1
205 Contactor 3P 415V 50/32A 05376 1
187 6mm² 7/1.01 PVC Cable G/Yellow 08345 AR
'-X' Terminal Block 35mm² Max. Cable - 8
10 Relay, Audio Frequency 13300 1
60 Terminal Lug, W/- M6 Hole 06248 1
- S/S Earth Stud Min. Size M4 - 1

NIL

LIGHTING CONTROL WIRING - ENERGEX ONLY
ZELLWEGER STREETLIGHT RELAY BOX
LAYOUT & WIRING DETAILS

Approved Ergon
C. Noel 24/04/13

Approved Energex
F. Zaini 24/04/13

Checked
P. Relf / A. Bletchly 04/04/13

Drawn
L. Burton / T. Borg 14/10/10

REFERENCES

ERGON ENERGY
ABN 40 078 849 055

ENERGEX CORPORATION LIMITED
ABN 50 087 646 062

HARD COPY UNCONTROLLED

REFERENCE DRAWING ENERGEX
4927-A4-12.1

REFERENCE DRAWING ERGON
NIL

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C. Noel 24/04/13

F. Zaini 24/04/13

P. Relf / A. Bletchly 04/04/13

L. Burton / T. Borg 14/10/10

REFERENCE DRAWING ENERGEX
EE DRWG NO: 1-13-3-1

REFERENCE DRAWING ERGON
EGX DRWG NO: 10500-A4-1-13-3-1

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C. Noel 24/04/13

F. Zaini 24/04/13

P. Relf / A. Bletchly 04/04/13

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1. Minimum size of wiring as stated, single core multistranded single insulated with min temperature rating of 75°C.
2. Overall dimensions of Box are nominal only - standard production units preferred. Gear Tray to be securely fixed to box.
3. Terminal blocks thus shown “X” must be colour coded or labelled.
4. Additional Din. Rail mounted MCB’s may be used on the load side in place of terminals if required (Q.T.).
5. For Non PE Cell application use shorting plug (SC 15325).
6. This is an optional item.

**NOTES:**

1. Minimum size of wiring as stated, single core multistranded single insulated with min temperature rating of 75°C.
2. Overall dimensions of Box are nominal only - standard production units preferred. Gear Tray to be securely fixed to box.
3. Terminal blocks thus shown “X” must be colour coded or labelled.
4. Additional Din. Rail mounted MCB’s may be used on the load side in place of terminals if required (Q.T.).
5. For Non PE Cell application use shorting plug (SC 15325).
6. This is an optional item.
STOCK CODE:
MARKING:
PROTECTIVE COAT:
FABRICATION:
MATERIAL:
TOLERANCE:
RATING:
MANUFACTURE:

In accordance with drawing unless otherwise specified.

Box to suit maximum size of control gear configuration (i.e. largest)

±2.0mm unless otherwise specified.

Box - Pressed or Cast Aluminium

Gear Box - Aluminium or Steel (Flat Sheet)

(a) Standard production box preferred.

(b) All sharp edges and burrs to be removed.

(c) Lid to be hinged on L/H Side when viewed from front.

Steel Gear Tray - Electro Galvanised or similar

Preferred

Surface Mounted

NEMA Base

Hinge Side

Clip Side

20mm clearance hole fitted with weatherproof plug

Note: Hole position offset towards lid by approximately 5mm to ensure clearance of PE Cell.

2 x 25mm conduit entry

Identification Min 40mm High Black Lettering

Identification Min 40mm High Black Lettering

Mains T/B must be suitable for 16mm² cable

Mains T/B must be suitable for 6mm² cable

CONTROL GEAR BOX

PREFERRED

LAYOUT OF GEAR TRAY

PROTECTIVE COAT:

MARKING:

STOCK CODE:

M400, S150, S250, S400. (Refer Specification)

S150 - 12423
S250 - 12424
S400 - 12425
M400 - 05514

NOTES:

1. Minimum size of wiring to be 1.5mm² single core multistranded single insulated with min temperature rating of 105°C.

2. MCB to be 15/16A 6kA.

LIGHTING

CONTROL WIRING - ENERGEX ONLY

LUMINAIRE CONTROL GEAR BOX LAYOUT & WIRING DETAILS - SPECIFICATION DRAWING

ERE DRWG NO: 13-3-5-1
EGX DRWG NO: 10500-A4-13-3-5-1

VOLUME  FOLDER  PAGE  ISSUE
1  13  5-1  0B
In accordance with drawing unless otherwise specified.

NOTES:
(a) Standard production box preferred.
(b) All sharp edges and burrs to be removed.
(c) Lid to be hinged on L/H Side when viewed from front.

PROTECTIVE COAT:
Steel Gear Tray - Electro Galvanised or similar

MARKING:
S/L Supply & Month/Year of Manufacture eg 9/96

STOCK CODE:
16432