



- NOTES:**
1. Label circuits and terminals appropriately.
 2. For standard labels refer standard drawing 1686.
 3. Surge protecting devices shall be installed as specified in MRTS226.
 4. MEN link in accordance with AS/NZS 3000.
 5. Switchboard internal power wiring shall be a minimum of 2.5mm² PVC/PVC except for fan and lighting circuits which may be 1.5mm² PVC/PVC.
 6. For installation details refer standard drawing 1709.
 7. Electrical components modified to suit load requirements.
 8. Metallic cabinet enclosure to be earthed.
 9. Traffolyte label to be applied. Refer table.
 10. When door is closed switch is closed.
 11. Dimensions are in millimetres unless shown otherwise.

UNINTERRUPTIBLE POWER SUPPLY (UPS) (619)

TRAFFOLYTE LABELS

ID	Description	Colour	Font
A	DANGER 230 VOLTS	White Traffolyte with red letters	5mm Arial font
B	MAIN SWITCH	White Traffolyte with black letters	5mm Arial font
C	UPS BYPASS	White Traffolyte with black letters	5mm Arial font
D	GEN/UPS CHANGEOVER	White Traffolyte with black letters	5mm Arial font
E	MEN LINK	White Traffolyte with black letters	5mm Arial font
F	EARTH ELECTRODE IN ADJACENT EARTH PIT	White Traffolyte with black letters	5mm Arial font
G	(other labels)	White Traffolyte with black letters	3mm Arial font

ASSOCIATED DEPARTMENTAL DOCUMENTS:
Standard Drawings
Specifications

REFERENCED DOCUMENTS:
Departmental Standard Drawings:
1423 Traffic Signals – Traffic Signal Controller– base installation Details
1699 Traffic Signals/Road Lighting/ITS – Parts List
1709 Traffic Signals/ITS – Uninterrupted Power Supply(UPS) Base Installation Details

Departmental Specifications:
MRTS91 Conduits and Pits
MRTS213 UPS for Roadside Devices
Australian Standards:
AS/NZS 3000 Electrical Installations (Wiring Rules)

Department of Transport and Main Roads			
TRAFFIC SIGNALS/ITS			
UNINTERRUPTED POWER SUPPLY (UPS) WIRING SCHEMATIC		A3 Not to Scale	Standard Drawing No 1710 Date 11/2020
A	B		