

NOTES:



1. Ensure earth connection is properly tightened before installing traffic signal terminal panel junction box. Torque on nuts of assembly to be approximately 20Nm \pm 10%. Use a torque wrench to tighten. Lubricated/oiled components or power tool based fastening are not accepted.
2. Approximately 20mm length of booker rod should be screwed into the Mast Arm Earthing Pin.
3. Parts included with 523
4. Refer project specific drawings for signal group and pushbutton allocations.

ASSOCIATED DEPARTMENTAL DOCUMENTS:
Standard Drawings
Specifications

REFERENCED DOCUMENTS:
Departmental Standard Drawings:
1411 Road Lighting – Mast Arm Road Lighting Junction Box (Type B)
1412 Road Lighting – Mast Arm Road Lighting Junction (Type B) Wiring Details
1413 Traffic Signals – Mast Arm Traffic Signal Junction Box (Type A)
1670 Traffic Signals – Traffic Signal Wiring Connections
1699 Traffic Signals/Road Lighting/ITS – Parts List

Departmental Specifications:
MRTS93 Traffic Signals
MRTS228 Provision of Electrical Switchboards

Australian Standards:
AS/NZS 2276.1 Cables for Traffic Signals installations – Multicore Power Cables
AS/NZS 3000 Electrical Installations (Wiring Rules)

Department of Transport and Main Roads		 Queensland Government			
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MAST ARM TRAFFIC SIGNAL JUNCTION BOX (TYPE A) WIRING DETAILS		A3	Standard Drawing No		
		Not to Scale	1414		
			Date 5/2026		
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