| Date 05/06/2024 | | Standard Drawing SD1699 - Parts list | |
|---|---|---|---|
| **Revision  V** | | | |
| | | | |
| **Part no.** | **Description, short** | **Description, detailed** | **Item (or equal)** |
| 001 | Cable, 2c x 0.75mm² PVC | Cable, 2c x 0.75mm² PVC (V-90) Cu | General Cable, CMI, Prysmain Group, Australia Pacific Electric Cables (APEC), Bambach |
| 002 | Cable, 1c x 1.5mm² PVC Black | Cable, 1c x 1.5mm² PVC (V-105) Black Cu | General Cable, CMI, Prysmain Group, Australia Pacific Electric Cables (APEC), Bambach |
| 003 | Cable, 1c x 1.5mm² PVC Blue | Cable, 1c x 1.5mm² PVC (V-105) Blue Cu | General Cable, CMI, Prysmain Group, Australia Pacific Electric Cables (APEC), Bambach |
| 004 | Cable, 1c x 1.5mm² PVC Brown | Cable, 1c x 1.5mm² PVC (V-105) Brown Cu | General Cable, CMI, Prysmain Group, Australia Pacific Electric Cables (APEC), Bambach |
| 005 | Cable, 1c x 1.5mm² PVC Orange | Cable, 1c x 1.5mm² PVC (V-105) Orange Cu | General Cable, CMI, Prysmain Group, Australia Pacific Electric Cables (APEC), Bambach |
| 006 | Cable, 1c x 1.5mm² PVC Red | Cable, 1c x 1.5mm² PVC (V-105) Red Cu | General Cable, CMI, Prysmain Group, Australia Pacific Electric Cables (APEC), Bambach |
| 007 | Cable, 1c x 1.5mm² PVC White | Cable, 1c x 1.5mm² PVC (V-105) White Cu | General Cable, CMI, Prysmain Group, Australia Pacific Electric Cables (APEC), Bambach |
| 008 | Cable, detector loop | Cable, detector loop, 1c x 1.5mm²  XLPE (X-90UV) Cu | Refer approved products and registered suppliers list - ITS & E |
| 009 | Cable, detector feed, single | Cable, detector feed, 2c x 1.5mm² LDPE/PVC (LDPR/4V-75), twisted screened, Cu | Refer approved products and registered suppliers list - ITS & E |
| 010 | Cable, detector feed, triple | Cable, detector feed, 3 x 2c x 1.5mm² LDPE/PVC (LDPR/4V-75), twisted screened, Cu | Refer approved products and registered suppliers list - ITS & E |
| 011 | Cable, 2c x 1.5mm² PVC/PVC | Cable, 2c x 1.5mm² PVC/PVC (V-90/5V-90), Cu | General Cable, CMI, Prysmain Group, Australia Pacific Electric Cables (APEC), Bambach |
| 012 | Cable, 1c x 2.5mm² PVC earth | Cable, 1c x 2.5mm² PVC Gn/Yel PVC(V-105) Cu | General Cable, CMI, Prysmain Group, Australia Pacific Electric Cables (APEC), Bambach |
| 013 | Cable, 2c x 2.5mm² PVC/PVC | Cable, 2c x 2.5mm² PVC/PVC (V-90/5-V90) Cu | Refer approved products and registered suppliers list - ITS & E |
| 014 | Cable, 1c x 4.0mm² PVC Black | Cable, 1c x 4.0mm² PVC (V-90) Black Cu | General Cable, CMI, Prysmain Group, Australia Pacific Electric Cables (APEC), Bambach |
| 015 | Cable, 1c x 4.0mm² PVC Red | Cable, 1c x 4.0mm² PVC (V-90) Red Cu | General Cable, CMI, Prysmain Group, Australia Pacific Electric Cables (APEC), Bambach |
| 016 | Cable, 2c x 4.0mm² PVC/PVC | Cable, 2c x 4.0mm² PVC/PVC (V-90/5-V90) Cu | Refer approved products and registered suppliers list - ITS & E |
| 017 | Cable, 2c x 4.0mm² XLPE/TPE | Cable, 2cx 4.0mm² XLPE/TPE (X-90/TPE) Cu | Refer approved products and registered suppliers list - ITS & E |
| 018 | Cable, 1c x 6mm² PVC earth | Cable, 1c x 6mm² PVC Gn/Yel PVC(V-90) Cu | Refer approved products and registered suppliers list - ITS & E |
| 019 | Cable, 2c x 6.0mm² XLPE ABC | Cable, 2c x 6.0mm² XLPE (X-90UV) ABC Cu | General Cable, CMI, Prysmain Group, Australia Pacific Electric Cables (APEC), Bambach |
| 020 | Cable, 1c x 16mm² PVC earth | Cable, 1c x 16mm² PVC Gn/Yel PVC(V-90) Cu | Refer approved products and registered suppliers list - ITS & E |
| 021 | Cable, 2c x 16mm² PVC/PVC | Cable, 2c x 16mm² PVC/PVC (V-90/5V-90) Cu | Refer approved products and registered suppliers list - ITS & E |
| 022 | Cable, 2c x 16mm² XLPE/PVC | Cable, 2c x 16mm² XLPE/PVC (X-90/5V-90) Cu | Refer approved products and registered suppliers list - ITS & E |
| 023 | Cable, 2c x 16mm² XLPE/HDPE | Cable, 2c x 16mm² XLPE/HDPE (X-90/HDPE) Cu | Refer approved products and registered suppliers list - ITS & E |
| 024 | Cable, 4c x 16mm² XLPE/PVC | Cable, 4c x 16mm² XLPE/PVC (X-90/5V-90) Cu | Refer approved products and registered suppliers list - ITS & E |
| 025 | Cable, 4c x 16mm² XLPE/HDPE | Cable, 4c x 16mm² XLPE/HDPE (X-90/HDPE) Cu | Refer approved products and registered suppliers list - ITS & E |
| 026 | Cable, 4c x 25mm² XLPE/PVC | Cable, 4c x 25mm² XLPE/PVC (X-90/5V-90) Cu | Refer approved products and registered suppliers list - ITS & E |
| 027 | Cable, 4c x 25mm² XLPE/HDPE | Cable, 4c x 25mm² XLPE/HDPE (X-90/HDPE) Cu | Refer approved products and registered suppliers list - ITS & E |
| 028 | Cable, 1c x 25mm² PVC earth | Cable, 1c x 25mm² PVC Gn/Yel PVC(V-90) Cu | Refer approved products and registered suppliers list - ITS & E |
| 029 | Cable, 2c x 25mm² XLPE ABC Al | Cable, 2c x 25mm² XLPE (X-90UV) ABC Al | General Cable, CMI, Prysmain Group, Australia Pacific Electric Cables (APEC), Bambach |
| 030 | Cable, 19c traffic signal | Cable, 19c traffic signal, PVC/PVC (V-90/5-V90) Cu | Refer approved products and registered suppliers list - ITS & E |

Department of Transport and Main Roads

TRAFFIC SIGNALS/ROAD LIGHTING/ITS

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| Part no. | Description, short | Description, detailed | Item (or equal) |
|---|---|---|---|
| 031 | Cable, 29c traffic signal | Cable, 29c traffic signal, PVC/PVC (V-90/5-V90) Cu | |
| 032 | Cable, 36c traffic signal PVC | Cable, 36c traffic signal, PVC/PVC (V-90/5-V90) Cu to ES101 | Refer approved products and registered suppliers list - ITS & E |
| 033 | Cable, 36c traffic signal HDPE | Cable, 36c traffic signal, HDPE/PVC (HDPE/5-V90) Cu to ES101 | |
| 034 | Cable, 6c x 1.5mm² +E | Cable, 6c x 1.5mm² +E PVC/PVC (V-75/5-V75) Cu | General Cable, CMI, Prysmain Group, Australia Pacific Electric Cables (APEC), Bambach |
| 035 | Cable, 2c x 2.5mm² +E PVC/PVC | Cable, 2c x 2.5mm² +E PVC/PVC (V-90/5-V90) Cu | General Cable, CMI, Prysmain Group, Australia Pacific Electric Cables (APEC), Bambach |
| 036 | Cable, 1c x 25mm² PVC Red | Cable, 1c x 25mm² PVC (V-90HT) Red Cu | General Cable, CMI, Prysmain Group, Australia Pacific Electric Cables (APEC), Bambach |
| 037 | Cable, 1c x 25mm² PVC White | Cable, 1c x 25mm² PVC (V-90HT) White Cu | General Cable, CMI, Prysmain Group, Australia Pacific Electric Cables (APEC), Bambach |
| 038 | Cable, 1c x 25mm² PVC Blue | Cable, 1c x 25mm² PVC (V-90HT) Blue Cu | General Cable, CMI, Prysmain Group, Australia Pacific Electric Cables (APEC), Bambach |
| 039 | Cable, 1c x 6mm² PVC Red | Cable, 1c x 6mm² PVC (V-90) Red Cu | General Cable, CMI, Prysmain Group, Australia Pacific Electric Cables (APEC), Bambach |
| 040 | Cable, 1c x 6mm² PVC White | Cable, 1c x 6mm² PVC (V-90) White Cu | General Cable, CMI, Prysmain Group, Australia Pacific Electric Cables (APEC), Bambach |
| 041 | Cable, 1c x 6mm² PVC Blue | Cable, 1c x 6mm² PVC (V-90) Blue Cu | General Cable, CMI, Prysmain Group, Australia Pacific Electric Cables (APEC), Bambach |
| 042 | Cable, 1c x 0.75mm² PVC Red or Brown | Cable, 1c x 0.75mm² PVC (V-105) Red or Brown | General Cable, CMI, Prysmain Group, Australia Pacific Electric Cables (APEC), Bambach |
| 043 | Cable, 1c x 0.75mm² PVC Black or Light Blue | Cable, 1c x 0.75mm² PVC (V-105) Black or Light Blue | General Cable, CMI, Prysmain Group, Australia Pacific Electric Cables (APEC), Bambach |
| 044 | Cable, 1c x 0.75mm² PVC White | Cable, 1c x 0.75mm² PVC (V-105) White | General Cable, CMI, Prysmain Group, Australia Pacific Electric Cables (APEC), Bambach |
| 045 | Cable  1cx  0.75mm² PVC Green Yellow | Cable  1cx  0.75mm² PVC Green Yellow | General Cable, CMI, Prysmain Group, Australia Pacific Electric Cables (APEC), Bambach |
| 046 | Cat 6 gel filled cable (underground) | Cat 6A Solid 23AWG PACW, UTP, 4Pairs, Cross–web Separator, PE Insulation, Water Resistant Flooding Compound, PE Sheath | Garland Cables, Part number: UTPL6JF |
| | | | |
| 100 | Conduit  20mm, HD, rigid PVC, orange | Conduit 20mm, HD, rigid PVC, orange | Refer approved products and registered suppliers list - ITS & E |
| 101 | Conduit  20mm, MD, rigid PVC, white | Conduit 20mm, MD, rigid PVC, white | Refer approved products and registered suppliers list - ITS & E |
| 102 | Conduit  32mm, HD, rigid PVC, orange | Conduit 32mm, HD, rigid PVC, orange | Clipsal 9035HD |
| 103 | Conduit  50mm, flexible PVC orange | Conduit 50mm, HD, flexible PVC, orange | Ausmar OCC5010 |
| 104 | Conduit  50mm, HD, rigid PVC, orange | Conduit 50mm, HD, rigid PVC, orange, 4m length | Refer approved products and registered suppliers list - ITS & E |
| 105 | Conduit  50mm, HD, rigid PVC, orange, 90° bend | Conduit 50mm, HD, rigid PVC, orange, 90° sweeping bend, radius = 300mm | Refer approved products and registered suppliers list - ITS & E |
| 106 | Conduit  50mm, MD, rigid PVC, grey | Conduit 50mm, MD, rigid PVC, grey, 4m length | Refer approved products and registered suppliers list - ITS & E |
| 107 | Conduit  80mm, HD, rigid PVC, orange | Conduit 80mm, HD, rigid PVC, orange, 4m length | Refer approved products and registered suppliers list - ITS & E |
| 108 | Conduit  80mm, HD, rigid PVC, orange, 90° bend | Conduit 80mm, HD, rigid PVC, orange, 90° large sweep bend, radius = 600mm nom | Refer approved products and registered suppliers list - ITS & E |
| 109 | Conduit 100mm, end cap | Conduit 100mm, end cap | Refer approved products and registered suppliers list - ITS & E |
| 110 | Conduit 100mm, HD, rigid PVC, orange | Conduit 100mm, HD, rigid PVC, orange, 4m length | Refer approved products and registered suppliers list - ITS & E |
| 111 | Conduit 100mm, HD, rigid PVC, orange, 90° bend | Conduit 100mm, HD, rigid PVC, orange, 90° sweeping bend, radius = 600mm nom | Refer approved products and registered suppliers list - ITS & E |
| 112 | Conduit 100mm, HD, rigid PVC, white | Conduit 100mm, HD, rigid PVC, white | Refer approved products and registered suppliers list - ITS & E |

| Part no. | Description, short | Description, detailed | Item (or equal) |
|---|---|---|---|
| 113 | Conduit adaptor, 50mm, plain to screwed, grey | Conduit adaptor, 50mm, plain to screwed, grey | Clipsal SC263/50 |
| 114 | Conduit lock ring, 50mm, screwed | Conduit lock ring, 50mm, screwed, grey | Clipsal 260/50 |
| 115 | Conduit saddle, 50mm PVC | Conduit saddle, 50mm, PVC, grey | Clipsal 261/50 |
| 116 | Pit Circular | Pit Circular | Refer approved products and registered suppliers list - ITS & E |
| 117 | Pit Circular, collar extension | Pit Circular, collar extension | Refer approved products and registered suppliers list - ITS & E |
| 118 | Pit Circular, lid, communications | Pit Circular, lid, communications | Refer approved products and registered suppliers list - ITS & E |
| 119 | Pit Circular, lid, electrical | Pit Circular, lid, electrical | Refer approved products and registered suppliers list - ITS & E |
| 120 | Pit P1 | Pit P1 | Refer approved products and registered suppliers list - ITS & E |
| 121 | Pit P1, lid, concrete, communications | Pit P1, lid, concrete, communications | Refer approved products and registered suppliers list - ITS & E |
| 122 | Pit P1, lid, steel, communications | Pit P1, lid, steel, galvanised, communications | Refer approved products and registered suppliers list - ITS & E |
| 123 | Pit P3 | Pit P3 | Refer approved products and registered suppliers list - ITS & E |
| 124 | Pit P3, collar extension | Pit P3, collar extension | Refer approved products and registered suppliers list - ITS & E |
| 125 | Pit P3, lid, concrete, electrical | Pit P3, lid, concrete, electrical | Refer approved products and registered suppliers list - ITS & E |
| 126 | Pit P3, lid, steel, electrical | Pit P3, lid, steel, electrical | Refer approved products and registered suppliers list - ITS & E |
| 127 | Pit P4 | Pit P4 | Refer approved products and registered suppliers list - ITS & E |
| 128 | Pit P4, collar extension | Pit P4, collar extension | Refer approved products and registered suppliers list - ITS & E |
| 129 | Pit P4, lid, concrete, electrical | Pit P4, lid, concrete, electrical | Refer approved products and registered suppliers list - ITS & E |
| 130 | Pit P4, lid, plastic, lockable electrical | Pit P4, lid, plastic, lockable electrical | Refer approved products and registered suppliers list - ITS & E |
| 131 | Pit P4, lid, steel, electrical | Pit P4, lid, steel, electrical | Refer approved products and registered suppliers list - ITS & E |
| 132 | Pit P7 | Pit P7 | Refer approved products and registered suppliers list - ITS & E |
| 133 | Pit P7, collar extension | Pit P7, collar extension | Refer approved products and registered suppliers list - ITS & E |
| 134 | Pit P7, lid, concrete, 2 piece, communications | Pit P7, lid, concrete, 2 piece, communications | Refer approved products and registered suppliers list - ITS & E |
| 135 | Pit P7, lid, concrete, 2 piece, electrical | Pit P7, lid, concrete, 2 piece, electrical | Refer approved products and registered suppliers list - ITS & E |
| 136 | Pit P7, lid, steel, 2 piece, electrical | Pit P7, lid, steel, 2 piece, electrical | Refer approved products and registered suppliers list - ITS & E |
| 137 | Pit P7, spacer bar | Pit P7, spacer bar for steel covers | Refer approved products and registered suppliers list - ITS & E |
| 138 | Pit P8 | Pit P8 | Refer approved products and registered suppliers list - ITS & E |
| 139 | Pit P8, collar extension | Pit P8, collar extension | Refer approved products and registered suppliers list - ITS & E |
| 140 | Pit P8, lid, concrete, electrical | Pit P8, lid, concrete, electrical | Refer approved products and registered suppliers list - ITS & E |
| 141 | Pit P8, lid, steel, electrical | Pit P8, lid, steel, electrical | Refer approved products and registered suppliers list - ITS & E |
| 142 | Cap, 100mm PVC pressure fitting cap, class 18 | Cap, 100mm PVC pressure fitting cap, class 18 | Refer approved products and registered suppliers list - ITS & E |

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| Part no. | Description, short | Description, detailed | Item (or equal) |
| --- | --- | --- | --- |
| 143 | Conduit 20mm, MD, rigid PVC, white, 90° bend | Conduit 20mm, MD, rigid PVC, white, 90° bend | Refer approved products and registered suppliers list - ITS & E |
| 144 | Pit P3, lid, steel, earth | Pit P3, lid, steel, earth | Refer approved products and registered suppliers list - ITS & E |
| 145 | Conduit 20mm, HD, rigid PVC, orange, 90° bend | Conduit 20mm, HD, rigid PVC, orange, 90° bend | Refer approved products and registered suppliers list - ITS & E |
| 146 | Precast concrete surround, circular pit | Precast concrete surround, circular pit | Tri-Underground, Australia |
| 147 | Conduit 100mm, HD, rigid PVC, white, 90° bend | Conduit 100mm, HD, rigid PVC, white, 90° sweeping bend, radius = 600mm nom | Refer approved products and registered suppliers list - ITS & E |
| 148 | Concrete retaining wall, BPM | Concrete retaining wall, SD1393, BPM cross falls greater than 1:2, precast or cast in situ | Refer approved products and registered suppliers list - ITS & E |
| 149 | Concrete retaining wall, SBM | Concrete retaining wall, SD1382, SBM cross falls greater than 1:6 up to and including 1:3, precast or cast in situ | Refer approved products and registered suppliers list - ITS & E |
| 150 | Concrete step tread, SBM | Concrete step tread, SD1429, SBM cross falls greater than 1:6 up to and including 1:3, precast or cast in situ | Refer approved products and registered suppliers list - ITS & E |
| 151 | Conduit 100mm, HD, rigid PVC, orange, 90° bend | Conduit 100mm, HD, rigid PVC, orange, 90° sweeping bend, radius = 450mm nom | Refer approved products and registered suppliers list - ITS & E |
| | | | |
| 200 | Baseplate, hinged, assy | Baseplate, hinged, traffic signal post, cw bolts, nuts, washers | Refer approved products and registered suppliers list - ITS & E |
| 201 | Bracket, lantern mounting strap, 120mm | Bracket, traffic signal lantern mounting strap, 120mm | Refer approved products and registered suppliers list - ITS & E |
| 202 | Bracket, lantern mounting strap, 250mm | Bracket, traffic signal lantern mounting strap, 250mm | Refer approved products and registered suppliers list - ITS & E |
| 203 | Bracket, lantern mounting strap, 300mm | Bracket, traffic signal lantern mounting strap, 300mm | Refer approved products and registered suppliers list - ITS & E |
| 204 | Bracket, lantern mounting strap, 400mm | Bracket, traffic signal lantern mounting strap, 400mm | Refer approved products and registered suppliers list - ITS & E |
| 205 | Bracket, lantern mounting strap, 500mm | Bracket, traffic signal lantern mounting strap, 500mm | Refer approved products and registered suppliers list - ITS & E |
| 206 | Bracket, lower mounting assembly | Bracket, traffic signal, lower mounting assembly | Refer approved products and registered suppliers list - ITS & E |
| 207 | Bracket, upper mounting assembly | Bracket, traffic signal, upper mounting assembly with finial cap | Refer approved products and registered suppliers list - ITS & E |
| 208 | Cable clamp, plastic, slip base pins | Cable clamp, plastic, slip base pins | Refer approved products and registered suppliers list - ITS & E |
| 209 | Cable guard, galvanised, 2.4m | Cable guard, galvanised, 50x50x2400mm | L&H / Rexel Elect |
| 210 | Cage, anchor, 4 bar, 350PCD, 2.0m, assy | Cage, anchor, 4 bar, road lighting, 350PCD, 2.0m, nuts, washers, SD1328 | Refer to registered supplier list |
| 211 | Cage, anchor, 4 bar, 500PCD, 2.0m, assy | Cage, anchor, 4 bar, road lighting, 500PCD, 2.0m, nuts, washers, SD1328 | Refer to registered supplier list |
| 212 | Cage, anchor, 8 bar, 380PCD, 2.0m, assy | Cage, anchor, 8 bar, Traffic signal mast arm, 380PCD, 2.0m, nuts, washers, SD1404 | Refer to registered supplier list |
| 213 | Cage, anchor, washer, fibre | Cage, anchor, compressible fibre washer, 39mmx25mmx0.8mm | |
| 214 | Cover plate, mast arm, assy | Cover plate, mast arm, assy, galvanised, Fabrication drawing 536096 | Refer to registered supplier list |
| 215 | Junction box, mast arm | Junction box, traffic signal mast arm, c/w gasket | Rexel Elect / Haymans |
| 216 | Junction box, road lighting | Junction box, road lighting | Fulton Industries |
| 217 | Mast headframe 1 way | Mast headframe 1 way | Refer approved products and registered suppliers list - Bridges and other structures |
| 218 | Mast headframe 2 way | Mast headframe 2 way | Refer approved products and registered suppliers list - Bridges and other structures |
| 219 | Mast headframe 3 way | Mast headframe 3 way | Refer approved products and registered suppliers list - Bridges and other structures |

| Date 05/06/2024 | | Standard Drawing SD1699 - Parts list | |
|---|---|---|---|
| **Revision  V** | | | |
| | | | |
| **Part no.** | **Description, short** | **Description, detailed** | **Item (or equal)** |
| 220 | Mast headframe 4 way | Mast headframe 4 way | Refer approved products and registered suppliers list - Bridges and other structures |
| 221 | Outreach, mast arm, 2.5m | Outreach, traffic signal mast arm, 2.5m, SD1715 | Refer to registered supplier list |
| 222 | Outreach, mast arm, 5.0m | Outreach, traffic signal mast arm, 5.0m, SD1715 | Refer to registered supplier list |
| 223 | Outreach, mast arm, 6.5m | Outreach, traffic signal mast arm, 6.5m, SD1715 | Refer to registered supplier list |
| 224 | Outreach, road lighting, 1.5m, extension | Outreach, road lighting, 1.5m, extension | Refer approved products and registered suppliers list - Bridges and other structures |
| 225 | Outreach, road lighting, 1.5m, single | Outreach, road lighting, 1.5m out, 2.0m up, single | Refer approved products and registered suppliers list - Bridges and other structures |
| 226 | Outreach, road lighting, 3.0m, double | Outreach, road lighting, 3.0m out, 2.0m up, double | Refer approved products and registered suppliers list - Bridges and other structures |
| 227 | Outreach, road lighting, 3.0m, single | Outreach, road lighting, 3.0m out, 2.0m up, single | Refer approved products and registered suppliers list - Bridges and other structures |
| 228 | Pole,  7.0m, BPM | Pole, road lighting, 7.0m BPM, round, taper | Refer approved products and registered suppliers list - Bridges and other structures |
| 229 | Pole,  7.0m, JUP | Pole, road lighting, 7.0m JUP, round, taper | Registered suppliers shall seek approval to fabricate this part |
| 230 | Pole,  7.0m, SBM | Pole, road lighting, 7.0m SBM, round, taper, clamping block fasteners | Refer approved products and registered suppliers list - Bridges and other structures |
| 231 | Pole,  8.5m, BPM | Pole, road lighting, 8.5m BPM, round, taper | Refer approved products and registered suppliers list - Bridges and other structures |
| 232 | Pole,  8.5m, JUP | Pole, road lighting, 8.5m JUP, round, taper | Refer approved products and registered suppliers list - Bridges and other structures |
| 233 | Pole,  8.5m, SBM | Pole, road lighting, 8.5m SBM, round, taper, clamping block fasteners | Refer approved products and registered suppliers list - Bridges and other structures |
| 234 | Pole, 10.0m, BPM | Pole, road lighting, 10.0m BPM, round, taper | Refer approved products and registered suppliers list - Bridges and other structures |
| 235 | Pole, 10.0m, BPM, Oct | Pole, road lighting, 10.0m BPM, octagonal | Refer approved products and registered suppliers list - Bridges and other structures |
| 236 | Pole, 10.0m, JUP | Pole, road lighting, 10.0m JUP, round, taper | Refer approved products and registered suppliers list - Bridges and other structures |
| 237 | Pole, 10.0m, JUP, Oct | Pole, road lighting, 10.0m JUP,  octagonal | Refer approved products and registered suppliers list - Bridges and other structures |
| 238 | Pole, 10.0m, SBM | Pole, road lighting, 10.0m SBM, round, taper, clamping block fasteners | Refer approved products and registered suppliers list - Bridges and other structures |
| 239 | Pole, 10.0m, SBM, Oct | Pole, road lighting, 10.0m SBM,  octagonal, clamping block fasteners | Registered suppliers shall seek approval to fabricate this part |
| 240 | Pole, 13.0m, BPM | Pole, road lighting, 13.0m BPM, round, taper | Refer approved products and registered suppliers list - Bridges and other structures |
| 241 | Pole, 13.0m, BPM, high hatch | Pole, road lighting, 13.0m BPM, round, taper, high hatch | Registered suppliers shall seek approval to fabricate this part |
| 242 | Pole, 13.0m, SBM | Pole, road lighting, 13.0m SBM, round, taper, clamping block fasteners | Refer approved products and registered suppliers list - Bridges and other structures |
| 243 | Post, 1.6m | Post, traffic signal pushbutton, 1.6m, SD1721 | Refer to registered supplier list |
| 244 | Post, 3.2m | Post, traffic signal, 3.2m, SD1721 | Refer to registered supplier list |
| 245 | Post, 4.1m | Post, traffic signal, 4.1m, SD1721 | Refer to registered supplier list |
| 246 | Post, mast arm | Post, traffic signal mast arm, without luminaire spigot, taper round, SD1713 | Refer to registered supplier list |
| 247 | Post, mast arm, luminaire spigot | Post, traffic signal mast arm, with luminaire spigot, SD1714 | Refer to registered supplier list |
| 248 | Ragbolt assembly, signal post | Ragbolt assembly, traffic signal post, SD1422 | Refer to registered supplier list |
| 249 | Slip base mount, 350mm, assy | Slip base mount, 350mm, road lighting pole, nuts, bolts, washers, slip washer, clamping block fasteners | Refer approved products and registered suppliers list - Bridges and other structures |

| Part no. | Description, short | Description, detailed | Item (or equal) |
|---|---|---|---|
| 250 | Slip base mount, 500mm, assy | Slip base mount, 500mm, road lighting pole, nuts, bolts, washers, slip washer, clamping block fasteners | Refer approved products and registered suppliers list - Bridges and other structures |
| 251 | Slip base shear washer, 500mm PCD | Slip base shear washer, 500mm PCD | Refer approved products and registered suppliers list - Bridges and other structures |
| 252 | Slip base shear washer, M36, SEQEB | Slip base shear washer, M36 | Refer approved products and registered suppliers list - Bridges and other structures |
| 253 | Transition, mast arm, 1.4m | Luminaire transition piece, traffic signal mast arm, 1.4m, 9.0m mounting height, SD1716 | Refer to registered supplier list |
| 254 | Transition, mast arm, 2.9m | Luminaire transition piece, traffic signal mast arm, 2.9m, 10.5m mounting height, SD1716 | Refer to registered supplier list |
| 255 | Transition, mast arm, 4.4m | Luminaire transition piece, traffic signal mast arm, 4.4m, 12.0m mounting height, SD1716 | Refer to registered supplier list |
| 256 | Post, switchboard, 4.0m, back mount | Post, switchboard, 4.0m, back mount, galvanised | Refer approved products and registered suppliers list - Bridges and other structures |
| 257 | Post, switchboard, 1.0m, top mount | Post, switchboard, 1.0m, top mount, galvanised | Refer approved products and registered suppliers list - Bridges and other structures |
| 258 | Pole, 10.0m, BPM, high hatch | Pole, road lighting, 10.0m BPM, round, taper, high hatch | Refer approved products and registered suppliers list - Bridges and other structures |
| 259 | Pole, 7.0m, BPM, overhead | Pole, road lighting, 7.0m BPM, round, taper, overhead power supply | Refer approved products and registered suppliers list - Bridges and other structures |
| 260 | Pole, 13.0m, BPM, Oct | Pole, road lighting, 13.0m BPM, octagonal | Refer approved products and registered suppliers list - Bridges and other structures |
| 261 | Cage, anchor, 4 bar, 350PCD, assy, pathway | Cage, anchor, 4 bar, road lighting, 350PCD, 1.4m, 1.8m, 2.0m, pathway lighting, nuts, washers | Refer to registered supplier list |
| 262 | Pole, 5m, hinged, BPM, pathway | Pole, 5m, hinged, BPM, pathway | Refer approved products and registered suppliers list - Bridges and other structures |
| 263 | Pole 6.5m, BPM, minor, pathway | Pole 6.5m, BPM, minor, pathway | Refer approved products and registered suppliers list - Bridges and other structures |
| 264 | Outreach, 34mm diam 500mm, pathway | Outreach, 34mm diam x500mm, pathway | Refer approved products and registered suppliers list - Bridges and other structures |
| 265 | Cable guard, 2400mm, galvanised | Cable guard, 2400mm, galvanised, SD1434 (renumbered 409) | Refer to registered supplier list |
| 266 | Cable guard, 1500mm, polymeric | Cable guard, 1500mm, polymeric, two required | PCG-1500, Fulton Industries Australia |
| | | | |
| | NOTE: threads to be ISO metric coarse | NOTE: threads to be ISO metric coarse | |
| 300 | Bolt, M10x 25 galvanised | Bolt, M10x25 galvanised, ped & road light bracket | |
| 301 | Bolt, M10x 75 galvanised | Bolt, M10x75 galvanised, ped light bracket | |
| 302 | Bolt, M10x120 galvanised | Bolt, M10x120 galvanised, ped & road light bracket | |
| 303 | Bolt, M12x200, galvanised, anchor | Bolt, M12x200, galvanised | |
| 304 | Bolt, M12x50, galvanised | Bolt, M12x50, galvanised | |
| 305 | Bolt, M16x75, galvanised, cuphead | Bolt, M16x75, galvanised, cuphead | |
| 306 | Bolt, M36, SBP assembly, galvanised | Bolt M36, assembly, galvanised, slip base pole, nut, washers | |
| 307 | Booker rod, M 8x55mm, 316 stainless steel | Booker rod, M 8x55mm, 316 stainless steel | |
| 308 | Bracket, galvanised, floodlight outreach mount | Bracket, galvanised, floodlight outreach mount | Refer approved products and registered suppliers list - Bridges and other structures |
| 309 | Bracket, galvanised, floodlight spigot mount | Bracket, galvanised, floodlight spigot mount | Refer approved products and registered suppliers list - Bridges and other structures |
| 310 | Bracket, galvanised, road light, underbridge | Bracket, galvanised, road light, underbridge | Refer approved products and registered suppliers list - Bridges and other structures |

| Part no. | Description, short | Description, detailed | Item (or equal) |
|---|---|---|---|
| 311 | Bracket, galvanised, road light, wall mount, 1500mm | Bracket, galvanised, road light, wall mount | Refer approved products and registered suppliers list - Bridges and other structures |
| 312 | Bushing, right angle, strain relief, 26mm hole | Bushing, right angle, strain relief, 26mm hole | Refer approved products and registered suppliers list - Bridges and other structures |
| 313 | Cable clamping block, slip base | Cable clamping block, slip base, plastic | Velnah Pty Limited – PA6 GF33<br>MM Electrical - i3S-CCBY |
| 314 | Catenary wire, galvanised steel, 1.6mm | Catenary wire, galvanised steel, 1.6mm | |
| 315 | Eye bolt M16x200mm, galvanised | Eye bolt M16x200mm, galvanised | |
| 316 | Eye nut M16, galvanised | Eye nut M16, galvanised | |
| 317 | Lock, cylinder, 390° | Lock, cylinder, 390°, A/CR 32/01 | |
| 318 | Nut, M 5, hex, 304 stainless steel | Nut, M 5, hex, 304 stainless steel | |
| 319 | Nut, M 6, hex, 304 stainless steel | Nut, M 6, hex, 304 stainless steel | |
| 320 | Nut, M 8 nyloc, 304 stainless steel | Nut, M 8 nyloc, 304 stainless steel | |
| 321 | Nut, M 8, half, 304 stainless steel | Nut, M 8, half, 304 stainless steel | |
| 322 | Nut, M 8, wingnut, 304 stainless steel | Nut, M 8, wingnut, 304 stainless steel | |
| 323 | Nut, M10, galvanised | Nut, M10, galvanised, ped & road light bracket | |
| 324 | Nut, M12, hex, galvanised | Nut, M12, hex, galvanised | |
| 325 | Nut, M16, hex, galvanised | Nut, M16, hex, galvanised | |
| 326 | Nut, M16, hex, 304 stainless steel | Nut, M16, hex, 304 stainless steel | |
| 327 | Cable clamp 16-27 | Cable clamp 16-27, 12mm, zinc plated, clear chromate | Utilux 16-27 No 0 |
| 328 | Plate, galvanised, floodlight outreach mount | Plate, galvanised, floodlight outreach mount | |
| 329 | Plate, galvanised, floodlight spigot mount | Plate, galvanised, floodlight spigot mount | |
| 330 | Screw, M 5x12, slotted, 316 stainless steel | Screw, M 5x12, slotted, 316 stainless steel | |
| 331 | Screw, M 5x15, 316 stainless steel | Screw, M 5x15, 316 stainless steel | |
| 332 | Screw, M 5x40, countersunk slotted head, brass | Screw, M 5x40, countersunk slotted head, brass | |
| 333 | Screw, M 6x12, round head, slotted, 316 stainless steel | Screw, M 6x12, round head, slotted, 316 stainless steel | |
| 334 | Screw, M 8x20, Phillips, cheese head, 316 stainless steel | Screw, M 8x20, Phillips, cheese head, 316 stainless steel | |
| 335 | Screw, M 8x20, Phillips, cheese head, zinc plated | Screw, M 8x20, Phillips, cheese head, zinc plated | |
| 336 | Screw, M10x65, coach, galvanised | Screw, M10x65, coach, galvanised | |
| 337 | Setscrew, M 8x15 hex, 316 stainless steel | Setscrew, M 8x15 hex, 316 stainless steel, fully threaded | |
| 338 | Setscrew, M 8x20 hex, 316 stainless steel | Setscrew, M 8x20 hex, 316 stainless steel, fully threaded | |
| 339 | Setscrew, M 8x25 hex, 316 stainless steel | Setscrew, M 8x25 hex, 316 stainless steel, fully threaded | |
| 340 | Setscrew, M 8x30 hex, 316 stainless steel | Setscrew, M 8x30 hex, 316 stainless steel, fully threaded | |

Department of Transport and Main Roads

TRAFFIC SIGNALS/ROAD LIGHTING/ITS

PARTS LIST

Queensland Government

A3
Not to Scale

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**1699**
Date 7/2024

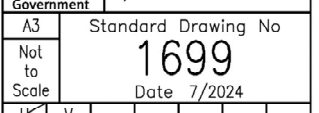| Part no. | Description, short | Description, detailed | Item (or equal) |
|---|---|---|---|
| 341 | Setscrew, M16x2.0 hex, galvanised | Setscrew, M16x2.0 hex, galvanised, traffic signal, fixing luminaire transition piece to luminaire spigot | |
| 342 | Setscrew, M20x2.5 hex, galvanised | Setscrew, M20x2.5 hex, galvanised, traffic signal, fixing mast arm outreach to post | |
| 343 | Strain clamp, 16-35mm² | Strain clamp, 16-35mm² | |
| 344 | Strain clamp, 2cx6mm² cable | Strain clamp, 2cx6mm² cable | |
| 345 | Strap, tie down, 100mm, plastic | Strap, tie down, 100mm | |
| 346 | Washer, M 5, Belleville 304 stainless steel | Washer, M 5, Belleville 304 stainless steel | |
| 347 | Washer, M 6, Belleville, 304 stainless steel | Washer, M 6, Belleville, 304 stainless steel | |
| 348 | Washer, M 6, flat, 304 stainless steel | Washer, M 6, flat, 304 stainless steel | |
| 349 | Washer, M 8, Belleville, 304 stainless steel | Washer, M 8, Belleville, 304 stainless steel | |
| 350 | Washer, M 8, flat, 304 stainless steel | Washer, M8, flat, 304 stainless steel | |
| 351 | Washer, M 8, flat, zinc plated | Washer, M 8, flat, zinc plated | |
| 352 | Washer, M 8, spring, 304 stainless steel | Washer, M8, spring, 304 stainless steel | |
| 353 | Washer, M10, flat galvanised | Washer, M10, plain, galvanised, ped & road light bracket | |
| 354 | Washer, M10, spring, galvanised | Washer, M10, spring, galvanised, ped & road light bracket | |
| 355 | Washer, M12, flat galvanised | Washer, M12, flat galvanised | |
| 356 | Washer, M16, flat galvanised | Washer, M16, flat galvanised | |
| 357 | Setscrew, M 8x25 hex, zinc plated | Setscrew, M 8x25 hex, zinc plated | |
| 358 | Plate, galvanised, balustrade | Plate, galvanised, balustrade | |
| 359 | Bracket, galvanised, mast arm jb | Bracket, galvanised, mast arm jb - refer drawing 1413 | |
| 360 | Insert, M 5 x10 zinc plated | Insert, M 5 x10 zinc plated | |
| 361 | Bolt, M 5x10 zinc plated | Bolt, M 5x10 zinc plated | |
| 362 | Nut, M 8, hex, 304 stainless steel | Nut, M 8, hex, 304 stainless steel | |
| 363 | Setscrew, M 6x30 hex socket button head, galvanised | Setscrew, M6x30 hex socket button head, galvanised | |
| 364 | Nut, M 6, hex, galvanised | Nut, M 6, hex, galvanised | |
| 365 | Washer, M20, flat, galvanised | Washer, M20, flat, galvanised, traffic signal, fixing mast arm outreach to post | |
| 366 | Brass connector block, active | Brass connector block, active, brass selection 19x15mm | Tyco-Raygelcap-SL-Brass-TMR,MM Electrical-Gelcap-SL-Brass |
| 367 | Ventilation inlet passive with gasket | Ventilation inlet passive with gasket 300hx200wx50dmm | Logix Engineering, VentRL |
| 368 | Lock, 316 staniless steel swing handle, 1/4 turn key operated | Lock, 316 staniless steel handle, 3 point turn key operated, key code 60190, 2 keys supplied by the manufacturer | Lock focus,F741 |
| 369 | Lock, Selectrix 1/4 turrn slotted | Lock, 1/4 turrn slotted, 2 keys supplied by the manufacturer | Selectrix, Logix Engineering |
| 370 | Lock, 316 staniless steel swing handle, padlockable | Lock, Stainless steel handle, padlockable | Lock focus,F741 padlock |

TRAFFIC SIGNALS/ROAD LIGHTING/ITS

PARTS LIST

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Standard Drawing No
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| Part no. | Description, short | Description, detailed | Item (or equal) |
|---|---|---|---|
| 371 | Ventilation inlet with gasket and fan12 v | Ventilation inlet,400x200x50mm, with gasket and fan12v | Logix Engineering, VentRL1 |
| 372 | Load centre 8 way | Load centre 8 way | NHP-TERASAKI - ILC85 |
| 373 | 40 X 40mm PVC duct | 40x40mm PVC duct, slotted, grey, cable trunking wiring duct | FATO/OEM/ODM |
| 374 | Bolt, M12x200, stainless steel 316, | Bolt, M12x200, stainless steel 316, traffic signal controller, slab mounting | |
| 375 | Nut, M12, hex, stainless steel 316 | Nut, M12, hex, stainless steel 316 | |
| 376 | Brackets - CCTV switchboard back mount | Brackets - CCTV switchboard back mount galvanised length x widthx thick | Logix Engineering |
| 377 | Ventilation inlet with gasket and fan12 v | Ventilation inlet,300x200x50mm, with gasket and fan12v | Logix Engineering, VentRL1 |
| 378 | Setscrew, M 6x30 hex socket button head, Stainless Steel | Setscrew, M6x30 hex socket button head, Stainless Steel | |
| 379 | Slip base pole, Slip bolt tethering kit assy | Kit, wire rope, swage, tear washers, half nuts, mylar washers | Refer to registered pole supplier list |
| 380 | Screw, M 6x40, CSK socket head, 316 Stainless Steel | Screw, M 6x40, CSK socket head, 316/A4 Stainless Steel | |
| 381 | Nut, M 6, hex, 316 stainless steel | Nut, M 6, hex, 316/A4 stainless steel | |
| 382 | Washer, M 6, flat, 316 stainless steel | Washer, M 6, flat, 316/A4 stainless steel | |
| 383 | Setscrew, M 8, hex, Stainless Steel | Setscrew, M 8x45 hex socket button head, Stainless Steel 316 | |
| | | | |
| 400 | Box, 108x108x76mm | Box, 108x108x76mm | Clipsal 265/3 |
| 401 | Box, junction, PVC, round, 2 lid, one way | Box, junction, PVC, round, 2 lid, one way | Clipsal 240/20/IDE |
| 402 | Box, mains connection assy, single phase, aluminium | Box, mains connection assy, single phase, 16mm², aluminium, MCB1/2H | Fulton Industries QMR6 |
| 403 | Box, mains connection assy, three phase, aluminium | Box, mains connection assy, three phase, 16mm², aluminium, MCB3/4H | Fulton Industries QMR12 |
| 404 | Bracket, stud assy, 250mm | Bracket, stud assy, 250mm deep | Legrand 36743 |
| 405 | Busbar, Cu, 10 way, triple pole | Busbar, Cu, 10 way, triple pole, 16mm² | Legrand 04943 |
| 406 | Busbar, Cu, 10 way, single pole | Busbar, Cu, 10 way, single pole, 16mm² | Legrand 04926 |
| 407 | Busbar, single pole, end protection | Busbar, single pole, end protection | Legrand 04989 |
| 408 | Busbar, triple pole, end protection | Busbar, triple pole, end protection | Legrand 04990 |
| 409 | Cable guard, 2400mm, galvanised | Refer item 265 | |
| 410 | Cable tie, PVC | Cable tie, PVC, 80x2.5mm | Utilux CT802W |
| 411 | CFS 10x38 single pole | Combination fuse switch, single pole, 10x38 fuse link | Legrand 05808 |
| 412 | CFS 10x38 triple pole | Combination fuse switch, triple pole, 10x38 fuse link | Legrand 05838 |
| 413 | | | |
| 414 | | | |
| 415 | Changeover switch, 32A | Changeover switch, 32A, single pole, two way | Legrand 412900 |
| 416 | Connection kit assy, reopenable, 1 phase, fused | Connection kit assy, reopenable, 1 phase, fused, complete, refer SD1624 Details A and B and TRUM Vol 4 Part 4 | Refer approved products and registered suppliers list - ITS & E |

Department of Transport and Main Roads

TRAFFIC SIGNALS/ROAD LIGHTING/ITS

PARTS LIST

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| Part no. | Description, short | Description, detailed | Item (or equal) |
|---|---|---|---|
| 417 | Connection kit assy, reopenable, 3 phase, fused | Connection kit assy, reopenable, 3 phase, fused, complete, refer SD1625 Details A and B and TRUM Vol 4 Part 4 | Refer approved products and registered suppliers list - ITS & E |
| 418 | Connector, domestic service, 10-35mm²/4-35mm² | Connector, domestic service, 10-35mm²/4-35mm² | |
| 419 | Connector, insulated, single screw, 2x6mm² cable | Connector, insulated, single screw, 2x6mm² cable | Clipsal 563/1 |
| 420 | Connector, insulation piercing, 25-95mm²/6-35mm² | Connector, insulation piercing, 25-95mm²/6-35mm² | |
| 421 | Connector, slip base pins | Connector, slip base pins, red/black | Velnah Pty Limited - Quick Release Insulated Connector 4mm Crimped 15A 1000V |
| 422 | Contactor, 37A, AC-5a | Contactor, 37A, AC-5a, 240V coil | Sprecher & Schuh CA7-37 |
| 423 | DIN rail mounting bracket | DIN rail mounting bracket, traffic signal junction box Type A, with fixings to suit | |
| 424 | DIN rail TS35-7.5, slotted | DIN rail TH35-7.5, galvanised steel, passivated, 18x6.2mm slots spaced 7mm | Weidmuller 0676200000 |
| 425 | DIN rail TH35-7.5, slotted, 120mm | DIN rail TH35-7.5, galvanised steel, passivated, 18x6.2mm slots spaced 7mm, 120mm | Weidmuller 0676200001 |
| 426 | Earth electrode, 13x1500mm, Solid Stainless Steel | Earth electrode, 13x1500mm, Solid Stainless Steel | *Fulton Industries: SSER13-1500-6 <br> *MM Electrical Mining and Industrial Suppliers: i3S-SE01 <br> *Note: Where a dedicated Earth Pit is NOT available, an 1800mm earth rod can be used with existing circular pits and types 7 and 8 rectangular pits. |
| 427 | Earth electrode clamp, cable connection block, brass | Earth electrode clamp, cable connection block, brass, (Heavy Duty) for 12.7 mm Earth Rods/Stakes | i3infrasolutions : Part number: I3S-ERBC <br> Refer approved products and registered suppliers list - ITS & E |
| 428 | Enclosure, polycarbonate, 278x188x180, IP66 | Enclosure, road lighting junction box, polycarbonate, 278x188x180, IP66, grey, cw backplate | Fulton Industries PC281918G/EKJVT |
| 429 | Enclosure, swbd 9 way, stainless steel, IP66, top mount | Enclosure, swbd 9 way, stainless steel, IP66, top mount, 800hx500wx300d, punched, fixed backplate 600x440, escutcheon, | Refer approved products and registered suppliers list - ITS & E |
| 430 | Enclosure, swbd 9 way, stainless steel, IP66, back mount | Enclosure, swbd 9 way, stainless steel, IP66, back mount, 800hx500wx250d, punched, fixed backplate 600x440, escutcheon | |
| 431 | Enclosure, switchboard mounting plate, 500x400mm | Enclosure, mounting plate, 500x400mm | Legrand 36055 |
| 432 | Enclosure, switchboard mounting plate, 600x440mm | Enclosure, switchboard mounting plate, 600x440mm, fixed, for 429 | Refer approved products and registered suppliers list - ITS & E |
| 433 | Fuselink, 6A, 10x38 | Fuselink, 6A, 10x38, 500V, 100kA, HRC | Legrand 13306 |
| 434 | Fuselink, 10A, 10x38 | Fuselink, 10A, 10x38, 500V, 100kA, HRC | Legrand 13310 |
| 435 | Fuselink, 20A, 10x38 | Fuselink, 20A, 10x38, 500V, 100kA, HRC | Legrand 13320 |
| 436 | Fuselink, 25A, 10x38 | Fuselink, 25A, 10x38, 500V, 100kA, HRC | Legrand 13325 |
| 437 | Fuselink, 32A, 10x38 | Fuselink, 32A, 10x38, 500V, 20kA, HRC | Legrand 13332 |
| 438 | Fuselink, 63A, 22x58 | Fuselink, 63A, 22x58, 500V, 100kA, HRC | Legrand 15363 |
| 439 | Fuselink, 8A, 250V, fastblow | Fuselink, 8A, 5x20, 250V fastblow | Legrand |
| 440 | Switch-disconnector, 2 pole, 20A or 40A, loadbreak | Switch-disconnector 2 pole, 20A or 40A, 400V, road lighting | Legrand 406432, Hager SBR240 |
| 441 | Label, MR3 | Label, MR3 rate 3 road lighting pole, 60mm white reflective text on green background | Wolf Signs - Rate 3 sticker |
| 442 | Lamp, 35W, QH | Lamp, 35W, 10V, QH, traffic signal lantern | |
| 443 | Lamp, 50W, QH | Lamp, 50W, 10V, QH, traffic signal lantern | |
| 444 | Lamp, 150W SON T | Lamp, 150W, HPS, tubular, clear, 240V, road lighting | |
| 445 | Lamp, 250W SON T | Lamp, 250W, HPS, tubular, clear, 240V, road lighting | |

| Part no. | Description, short | Description, detailed | Item (or equal) |
|---|---|---|---|
| 446 | Lamp, 400W SON T | Lamp, 400W, HPS, tubular, clear, 240V, road lighting | |
| 447 | Link, earth, brass, 6x25mm² tunnels, 2xM8 studs | Link, earth, brass, 6x25mm² tunnels, 2xM8 studs | Netec Industries NE250F-H06X, Logix Engineering |
| 448 | Link, earth, brass, 12x25mm² tunnels, 2xM8 studs | Link, earth, brass, 12x25mm² tunnels, 2xM8 studs | Netec Industries NE250F-H012X, Logix Engineering |
| 449 | Link, neutral, brass, 12x25mm² tunnels, 2xM8 studs | Link, neutral, brass, 12x25mm² tunnels, 2xM8 studs, 2 mounting feet | Netec Industries NE250F-H12X +  2 x M5 foot, Logix Engineering |
| 450 | Link, neutral, brass, 18x25mm² tunnels, 2xM8 studs | Link, neutral, brass, 18x25mm² tunnels, 2xM8 studs, 2 mounting feet | Netec Industries NE250F-H18X +  2 x M5 foot, Logix Engineering |
| 451 | Luminaire, 100W SON T, Aeroscreen | Luminaire, 150W SON T, Aeroscreen, road light | Refer approved products and registered suppliers list - ITS & E |
| 452 | Luminaire, 100W SON T, SCO | Luminaire, 150W SON T, SCO, road lighting | Refer approved products and registered suppliers list - ITS & E |
| 453 | Luminaire, 150W SON T, Aeroscreen | Luminaire, 150W SON T, Aeroscreen, road light | Refer approved products and registered suppliers list - ITS & E |
| 454 | Luminaire, 150W SON T, SCO | Luminaire, 150W SON T, SCO, road lighting | Refer approved products and registered suppliers list - ITS & E |
| 455 | Luminaire, 250W SON T Highmast | Luminaire, 250W SON T Highmast | Refer approved products and registered suppliers list - ITS & E |
| 456 | Luminaire, 250W SON T Ped crossing, sym, louvres | Luminaire, 250W SON T Ped crossing, sym, louvres | Refer approved products and registered suppliers list - ITS & E |
| 457 | Luminaire, 250W SON T, Aeroscreen | Luminaire, 250W SON T, Aeroscreen, road light | Refer approved products and registered suppliers list - ITS & E |
| 458 | Luminaire, 250W SON T, SCO | Luminaire, 250W SON T, SCO, road lighting | Refer approved products and registered suppliers list - ITS & E |
| 459 | Luminaire, 400W SON T Highmast | Luminaire, 400W SON T Highmast | Refer approved products and registered suppliers list - ITS & E |
| 460 | Luminaire, 400W SON T Ped crossing, sym, louvres | Luminaire, 400W SON T Ped crossing, sym, louvres | Refer approved products and registered suppliers list - ITS & E |
| 461 | Luminaire, 400W SON T, Aeroscreen | Luminaire, 400W SON T, Aeroscreen, road light | Refer approved products and registered suppliers list - ITS & E |
| 462 | Luminaire, 400W SON T, SCO | Luminaire, 400W SON T, SCO, road lighting | Refer approved products and registered suppliers list - ITS & E |
| 463 | Luminaire, aiming device | Luminaire, aiming device | |
| 464 | Miniature circuit breaker, 10A 1 ph Type B | Miniature circuit breaker, 10A 1 ph Type B | |
| 465 | Miniature circuit breaker, 20A 1 ph Type B | Miniature circuit breaker, 20A 1 ph Type B | |
| 466 | Miniature circuit breaker, 20A 3 ph Type B | Miniature circuit breaker, 20A 3 ph Type B | |
| 467 | Miniature circuit breaker, 25A 1 ph Type B | Miniature circuit breaker, 25A 1 ph Type B | |
| 468 | Miniature circuit breaker, 25A 3 ph Type B | Miniature circuit breaker, 25A 3 ph Type B | |
| 469 | Miniature circuit breaker, 32A 1 ph Type B | Miniature circuit breaker, 32A 1 ph Type B | |
| 470 | Miniature circuit breaker, 32A 3 ph Type B | Miniature circuit breaker, 32A 3 ph Type B | |
| 471 | Name plate, communications 300x40x2, Al | Name plate, communications 300x40x2, Al | |
| 472 | Name plate, electrical, 300x40x2, Al | Name plate, electrical, 300x40x2, Al | |
| 473 | Photocell, standard | Photoelectric cell, 240V, Switching 35 lux on - 18 lux off, IP67, NEMA base | Royce Thompson MONOSTAR2iQMR  - Rexel<br>Tyco ALR-SST-PV-IES-UL - Tyco Electronics |
| 474 | Photocell socket, standard | Photoelectric cell NEMA base | |
| 475 | Rope, 4mm | Rope, polypropylene film, 4mm, blue | |

| Department of Transport and Main Roads | | |
|---|---|---|
| TRAFFIC SIGNALS/ROAD LIGHTING/ITS | Queensland Government | |
| PARTS LIST | A3 Not to Scale | Standard Drawing No **1699** Date 7/2024 |

| Part no. | Description, short | Description, detailed | Item (or equal) |
|---|---|---|---|
| 476 | Gel filed loop cable joint kit | Gel filed loop cable joint kit, single and three pair | Refer approved products and registered suppliers list - ITS & E |
| 477 | Sleeve, insulating, 19mm | Sleeve, insulating, 19mm | Raychem RVC-2V |
| 478 | Sleeve, insulating, 25mm | Sleeve, insulating, 25mm | Raychem RVC-3V |
| 479 | Spiral wrap insulation | Spiral wrap insulation | |
| 480 | Switchboard enclosure, stainless steel, 600x400x250mm | Switchboard enclosure, stainless steel, 600x400x250mm, lock keyed to L&F 60190 | Legrand 35205 |
| 481 | Switchboard, pillar mounted | Switchboard, pillar mounted | |
| 482 | Switchboard, pole mounted | Switchboard, pole mounted | |
| 483 | Tape, electrical marker | Tape, electrical marker | |
| 484 | Terminal block,  4mm² | Terminal block, 4mm² | Weidmuller WDU4, Phoenix UT-4 |
| 485 | Terminal block,  4mm², Blue | Terminal block, 4mm², Blue | Weidmuller WDU4BL, Phoenix UT-4 |
| 486 | Terminal block,  4mm², numbers 1-30 | Terminal block, 4mm², numbers 1-30 | Weidmuller WDU4, Phoenix UT-4 |
| 487 | Terminal block,  4mm², numbers P1-P6 | Terminal block, 4mm², numbers P1-P7 | Weidmuller WDU4, Phoenix UT-4 |
| 488 | Terminal block,  6mm² | Terminal block, 6mm² | Weidmuller WDU6, Phoenix UT-6 |
| 489 | Terminal block,  6mm², 2 terminal cross connection | Terminal, 6mm², 2 terminal cross connection | Weidmuller WQV6/2, Phoenix FBS 4-8 |
| 490 | Terminal block,  6mm², 4 terminal cross connection | Terminal, 6mm², 4 terminal cross connection | Weidmuller WQV6/4, Phoenix FBS 2-8 |
| 491 | Terminal block,  6mm², Blue | Terminal block, 6mm², Blue | Weidmuller WDU6BL, Phoenix UT-6 |
| 492 | Terminal block,  6mm², Earth | Terminal block, 6mm², Earth | Weidmuller WPE6, Phoenix UT-6 PE |
| 493 | Terminal block,  6mm², marker 'A' | Terminal block, 6mm², marker 'A' | Weidmuller WDU6, Phoenix UT-6 |
| 494 | Terminal block,  6mm², marker 'N' | Terminal block, 6mm², marker 'N' | Weidmuller WDU6, Phoenix UT-6 |
| 495 | Terminal block,  6mm², marker 'PR' | Terminal block, 6mm², marker 'PR' | Weidmuller WDU6, Phoenix UT-6 |
| 496 | Terminal block,  6mm², marker 'X' | Terminal block, 6mm², marker 'X' | Weidmuller WDU6, Phoenix UT-6 |
| 497 | Terminal block, end holder, screwable, small | Terminal block, end holder, screwable, small | Weidmuller EW35, Phoenix Phoenix E/NS 35 N |
| 498 | Terminal block, 35mm² marker "E" | Terminal block, 35mm² marker "E" | Weidmuller WPE35, Phoenix UT-35 PE |
| 499 | Terminal block, 35mm² | Terminal block, 35mm² | Weidmuller WDU35, Phoenix UT-35 |
| 500 | Terminal block, end holder, screwable, large | Terminal block, end holder, screwable, large | Weidmuller WEW 35/1, Phoenix E/NS 35 N |
| 501 | Terminal block, end plate/partition 16-35 | Terminal block, end plate/partition 16-36 | Weidmuller WAP16-35 WTW 2.5-10, Phoenix D-UT 2.5 to 10, Partition: Phoenix TYP ATP-UT |
| 502 | Terminal block, 35mm² marker "A" | Terminal block, 35mm² marker "A" | Weidmuller WDU35, Phoenix UT-35 |
| 503 | Terminal block, 35mm² Protective earth | Terminal block, 35mm² Protective earth | Weidmuller WPE35, Phoenix UT-35 PE |
| 504 | Terminal block, 35mm² marker "N" | Terminal block, 35mm² marker "N" | Weidmuller WDU35, Phoenix UT-35 |
| 505 | Terminal lug, crimp  4mm², M8 hole | Terminal lug, crimp  4mm², M8 hole | Utilux CG4M8/H1401A |

Department of Transport and Main Roads

TRAFFIC SIGNALS/ROAD LIGHTING/ITS

PARTS LIST

A3
Not to Scale

Standard Drawing No
1699
Date  7/2024

| Part no. | Description, short | Description, detailed | Item (or equal) |
|---|---|---|---|
| 506 | Terminal lug, crimp  6mm², M6 hole | Terminal lug, crimp  6mm², M6 hole | Utilux CG6M6/H1405 |
| 507 | Terminal lug, crimp  6mm², M8 hole | Terminal lug, crimp  6mm², M8 hole | Utilux CG6M8/H1405A |
| 508 | Terminal lug, crimp 16mm², M8 hole | Terminal lug, crimp 16mm², M8 hole | Utilux CG16M8/H1408 |
| 509 | Terminal lug, crimp 25mm², M8 hole | Terminal lug, crimp 25mm², M8 hole | Utilux CG25M8/H1415 |
| 510 | Terminal lug, crimp 35mm², M8 hole | Terminal lug, crimp 35mm², M8 hole | Utilux CG35M8/H1366 |
| 511 | Terminal panel assy, luminaire, Type A | Luminaire terminal panel, Din rail TH35-7.5 330mm, drip shield, 440, 497 (Refer 559) | Rexel NERLTPA, CMI 1323A, MM Electrical |
| 512 | Terminal panel assy, traffic signal, joint use pole | Traffic signal terminal panel, DIN rail TH35-7.5 500mm, drip shield, 100mm clamp support & clamps | Refer approved products and registered suppliers list - ITS & E |
| 513 | Terminal, 25mm² busbar entry | Terminal,  25mm² busbar entry | Legrand 04906 |
| 514 | URD, pillar base, PVC, green | URD, pillar base, poly, 355hx556wx524d, green | Fulton Industries PB-2G |
| 515 | URD, pillar, PVC, unvented, tall | URD, pillar, poly, unvented, 540hx355wx320d, green | Fulton Industries PPB2TUVG |
| 516 | URD, security bolt & washers, G304 stainless steel/washer | URD, security bolt, D head, 'O' rings, washers, G304 stainless steel for URD pillar | Fulton Industries PSDB |
| 517 | URD, switchpanel board, 495x283x10mm | URD, switch panel, 495x283x10mm, black, 2.5kg | Fulton Industries BDP495W |
| 518 | Terminal block, 35mm², MEN link | Terminal block, 35mm², MEN link | Weidmuller WQV35/2 |
| 519 | Gasket, terminal panel JB, traffic signals | Gasket, terminal panel junction box, traffic signals, Type A | Legrand |
| 520 | Terminal lug, crimp 16mm², M6 hole | Terminal lug, crimp 16mm², M6 hole | Utilux CG16M6/H1407 |
| 521 | Terminal lug, crimp 25mm², M6 hole | Terminal lug, crimp 25mm², M6 hole | Utilux CG25M6/H1415A |
| 522 | Enclosure, polyester, grey, 400x300x200, IP66, IK10 | Enclosure, polyester, grey, 400x300x200, IP66, IK11 | Refer approved products and registered suppliers list - ITS & E |
| 523 | Junction box assy, mast arm, traffic signal type A | Junction box assy, mast arm, traffic signal type A - refer drawing 1413 | Legrand |
| 524 | Junction box assy, mast arm, road lighting type B | Junction box assy, mast arm, road lighting type B - refer drawing 1411 | Legrand |
| 525 | Gasket, terminal panel JB, road lighting | Gasket, terminal panel JB, road lighting, Type B | Legrand |
| 526 | Terminal panel, luminaire, Type D | Terminal panel, luminaire, Type D - retrofit slip base pole, complete, refer SD1323 | |
| 527 | Terminal block, end plate/partition 2.5-10 | Terminal block, end plate/partition 2.5-11 | Weidmuller WAP2.5/4/6/10 |
| 528 | Connection kit assy, reopenable, 1 phase, unfused | Connection kit assy, reopenable, 1 phase, unfused T-off, complete, refer SD1624 Detail C and TRUM Vol 4 Part 4 | Refer approved products and registered suppliers list - ITS & E |
| 529 | Connection kit assy, reopenable, 3 phase, unfused | Connection kit assy, reopenable, 3 phase, unfused T-off, complete, refer SD1625 Detail C and TRUM Vol 4 Part 4 | Refer approved products and registered suppliers list - ITS & E |
| 530 | Slip base connection assy | Slip base connection assy, 313+421+531+532+533 | |
| 531 | Heatshrink, black, 70mm, small, adhesive | Heatshrink, black, 70mm, small, adhesive | |
| 532 | Heatshrink, red 70mm, small, adhesive | Heatshrink, red 70mm, small, adhesive | |
| 533 | Heatshrink, black, 70mm, medium adhesive | Heatshrink, black, 70mm, medium adhesive | |
| 534 | Connection kit, reopenable | Connection kit, reopenable,enclosure only | Refer approved products and registered suppliers list - ITS & E |
| 535 | Gasket, switchboard, post mounted, back mount | Switchboard gasket, 3mm thick UV stabilised polyurethane, back mount | |

Department of Transport and Main Roads

TRAFFIC SIGNALS/ROAD LIGHTING/ITS

Queensland Government

PARTS LIST

A3 Not to Scale

Standard Drawing No
**1699**
Date 7/2024

V

| Part no. | Description, short | Description, detailed | Item (or equal) |
|---|---|---|---|
| 536 | CFS padlock support | CFS padlock support for modular fuse holder | Legrand 05799 |
| 537 | Label, DB number | Black vinyl self-adhesive numbers 0-9, helvetica Bold | Wolf Signs |
| 538 | Mainswitch 100A, 3 phase, padlockable | Mainswitch 100A, 3 phase, padlockable, AC23, terminal shrouds | NHP Sirco SLBM1003PD+22943016 |
| 539 | Photocell assy post mounted (pillar) | Photocell assy 142, 332, 401, 410, 419, 473, 474 | Rexel, MM |
| 540 | Photocell assy switchboard (post back mounted) | Photocell assy 332, 401, 410, 419, 473, 474 | Rexel, MM |
| 541 | URD, pillar base, fibreglass, green | URD, pillar base, fibreglass, green | Fulton Industries FBNF1 |
| 542 | URD, pillar, vented, fibreglass, single door, green | URD, pillar, vented, fibreglass, single door, green, 760h x 450w x 330d | Fulton Industries FPBNF1V1D |
| 543 | URD pillar switchpanel | URD pillar switchpanel with switchgear, 700x420 | Fulton Industries GSFPNF1 |
| 544 | Gasket, switchboard, post mounted, top mount | Switchboard gasket, 3mm thick UV stabilised polyurethane, top mount (dwg 1627) | Logix Engineering |
| 545 | Photocell, miniature | Photoelectric cell, miniature, 230V, Switching 35 lux on - 18 lux off, IP65, 3x400W | Royce Thompson MICROSTARQMR- Rexel |
| 546 | Terminal panel, traffic signal, joint use pole | Terminal panel, traffic signal, joint use pole, 512 including terminals | |
| 547 | Pole plug retrofit assy | Pole plug retrofit assy - 1x20A 2P male 2m cable, 1x20A 2P female 2m cable, 2 cleats, plastic bar, bolt, wing nut | Poletech Systems POLEPLUG202BLK4/2M. MM Electrical Rockhampton |
| 548 | E Marker, brass, 2 pin | E Electricity Marker, brass, 2 pin, new concrete | Tri-Undergound Australia |
| 549 | C Marker, brass, 2 pin | C Communications Marker, brass, 2 pin, new concrete | Tri-Undergound Australia |
| 550 | E Marker, stainless steel tag | E Electricity Marker, stainless steel tag, existing concrete | Hi-Tech Horizontal Drilling - IDT-031 |
| 551 | C Marker, stainless steel tag | C Communications Marker, stainless steel tag, existing concrete | Hi-Tech Horizontal Drilling - |
| 552 | Label, pole identification number | Label, pole identification number, 50mm black text on white reflective background (SD1673) | Wolf Signs - Street pole sticker |
| 553 | Label, caution "X" sources of supply<br>X = 2, 3 or 4 | Label, caution "X" sources of supply, red text on white reflective background (SD1673)<br>X = 2, 3 or 4 | Wolf Signs - C240CS |
| 554 | Label, cross with care | Label, cross with care, green, black, red text on white background (SD1673) | Wolf Signs - Cross with care |
| 555 | Label, traffic signal controller | Label, traffic signal controller, black text, coloured logo, yellow reflective background (SD1673) | Wolf Signs - Controller sticker |
| 556 | Terminal lug, crimp 2.5mm², M6 hole | Terminal lug, crimp 2.5mm², M6 hole | Utilux CG2.5M6/H1437 |
| 557 | Photocell mount, miniature, switchboard (top mounted) | Photocell mount, miniature, switchboard (top mounted) | RAB Manufacturing PCM-2520-0 |
| 558 | Switchboard assembly, 9 way, standard road lighting | Switchboard assembly, 9 way, standard road lighting, fabrication drawing Refer SD1686 | Refer product type approved list - ITS & E |
| 559 | Terminal panel, luminaire, Type A | Terminal panel, luminaire, Type A, Din rail TH35-7.5 330mm, drip shield, 440, 497, SBP, BPM, JUP, median barrier, complete, refer SD1323 | Rexel NERLTPA, CMI 1323A, MM Electrical |
| 560 | Terminal panel, luminaire, Type B | Terminal panel, luminaire, Type B - bridge, structure, complete, refer SD1323 | Rexel NERLTPB, CMI 1323B, MM Electrical |
| 561 | Terminal panel, luminaire, Type C | Terminal panel, luminaire, Type C - aerial connection, complete, refer SD1323 | Rexel NERLTPC, CMI 1323C MM Electrical |
| 562 | Gland, nylon, circular cable small | Gland, nylon, circular cable small, IP68, black, M12x1.5, nylon locknut, Earth 6mm² | Treotham 1.209.1201.50+1.262.1201.50   (For overall cable diameters 3-6.5mm)<br>CABAC GN12                                        (For overall cable diameters 3-6mm) |
| 563 | Gland, nylon, circular cable Medium | Gland, nylon, circular cable large, IP68, black, M32x1,5, nylon locknut, 2c 16mm², 2c 25mm² | Treotham 1.209.3201.50+1.262.3201.50   (For overall cable diameters 18-25mm)<br>CABAC GN32                                        (For overall cable diameters 15-24mm) |
| 564 | Gland, brass, flat cable | Gland, nickel plated brass, flat cable, IP54, Pg29, nickel plated brass locknut, 2c 16mm² | Treotham 1.109.2900.01+1.161.2900.01 |
| 565 | Label, bicycle pushbutton | Label, bicycle pushbutton | Wolf Signs - bicycle pushbutton |

| Date 05/06/2024 | | Standard Drawing SD1699 - Parts list | |
|---|---|---|---|
| Revision V | | | |
| | | | |
| **Part no.** | **Description, short** | **Description, detailed** | **Item (or equal)** |
| 566 | Terminal strip, multipole, melamine | Terminal strip, multipole, melamine, 25A, screw connect, direct mount | Weidmuller MK3/12 0243520000 |
| 567 | Gland cap, HD40 nylon white | Gland cap, nylon, white HD40 N0220S40 | Clipsal HD40 N0220S40 |
| 568 | Magic power gel, re-enterable sealant kit | Magic power gel, re-enterable 2 parts sealant kit, | Raytech UL 94-HB Raytech 250ml Bag, Velnah Part No. SCOP4009 |
| 569 | Cable gland reducer nylon white 40-32 | Cable Gland reducer nylon white 40-32, No.264/4SM | Clipsal No.264/4SM |
| 570 | Surge protector,16A, single phase | SSP Series Surge Protector-single phase,16A, All mode (L-N, L-PE, N-PE) | Novaries SSSP1-16-15-275 |
| 571 | Gel filled active connector (less brass block) | Gel filled active connector (less brass block), GelCap SL stub connection kit | Tyco-RayGelcap-SL-Brass-TMR, MM Electrical |
| 572 | Main switch label | Main switch label included in rate 3 road lighting junction box kit | Graff Labels, MM Electrical |
| 573 | Main earth electrode location label | Main earth electrode location label included in rate 3 road lighting junction box kit | Graff Labels, MM Electrical |
| 574 | Main earth conductor label | Main earth conductor label included in rate 3 road lighting junction box kit | Graff Labels, MM Electrical |
| 575 | Enclosure, Pole / Top Mounted "CCTV", stainless steel 316, IP55 | Enclosure, stainless steel, IP55, back and top mount, 800hx500wx300d, punched, fixed backplate 430x730, escutcheon | |
| 576 | CCTV Switchboard mounting plate | Mounting plate, 2mm thick, 930x530mm, powder coated white | Logix Engineering |
| 577 | DC Fan, 12 volts | DC Fan, 12 volts | LEIPOLD |
| 578 | Socket Outlet (Green) RCD | Socket Outlet(Green), RCD | Clipsal-2025 RCD 30+449AGN+2000PLGN |
| 579 | Miniature circuit breaker,MCB/ RCD 10A | RCBO MOD6 1P+N 6KA 10A C CURVE 30MA TYPE A (2P WIDTH) | NHP - MOD6RCBO2-10-30-A |
| 580 | Luminaire, LED Aeroscreen | Luminaire, LED , Aeroscreen, road lighting - Refer project design drawings for further information including type and wattage | Refer approved products and registered suppliers list - ITS & E |
| 581 | Luminaire, LED Semi cutoff (SCO) | Luminaire, LED, SCO, road lighting - Refer project design drawings for further information including type and wattage | Refer approved products and registered suppliers list - ITS & E |
| 582 | Enclosure - ITS Field cabinet, metered, Plinth mount, | Enclosure , IP55,Powder coated T33 smoke blue,marine grade aluminium or 316 Stainless steel 2000hx 900wx720d, 2mm fixed backplate powder coated white | |
| 583 | PE cell window | PE cell window, toughen glass, 100x100, 8mm thick | Logix Engineering |
| 584 | Fuse link 125 A service disconnect (Queensland), 2A 22x57 | Fuse link 125 A service disconnect (Queensland), backwired off-load service disconnect clear body with 4 entries link fitted, non-fused link, used for Meter panels | IPD group - S7125BWQ |
| 585 | Isolator 100A | Isolator 100A, Single pole, Schneider iSW | Schneider Isolator-A9S66191 |
| 586 | Surge Filter, 20A, 100kA, 275RMS | Surge filter, connection type-series, single phase, LED indication and external alarm | NOVARIS - SFD1-20-100-275-A |
| 587 | Enclosure, roadlighting switchboard, metered, single phase, IP55, back mount and top mount | Enclosure, stainless steel, IP55, back and top mount, 1000hx500wx300d, punched, fixed backplate 430x480 for switchboard, escutcheon | Logix Engineering |
| 588 | Enclosure, roadlighting switchboard, metered, three phase, IP55, plinth mount | Enclosure, IP55,2.5mm powder coated T33 smoke blue,marine grade aluminium AL5052 H32 sheet folded and welded,1730hx850wx350d, punched, 2mm fixed backplate powder coated white 950hx760w, escutcheon | Logix Engineering, |
| 589 | 6 RU Load centre, ITS cabinet | 6 RU Load centre, ITS cabinet | Logix Engineering, |
| 590 | RCBO 6A, 30mA | RCBO 6A, 30mA | Schneider A9D61806 |
| 591 | Thermostate+end clamp | Thermostate+end clamp | Leipold JWT6011F + Weidmueller EW35 |
| 592 | Connection terminal | Connection terminal | Weidmueller WFF70 AH (1) + WAH 70 (2) + WEW35/1 (2) |
| 593 | FAN AC, 240 V,, 230 CFM | FAN AC, 240 V,, 230 CFM for ITS Cabinet | Sunnon A2175-HBL T.GN |
| 594 | 7W LED Lamp | 7W LED lamp for inside enclosures | Lumeis - "CLG-L" LED Lamp |
| 595 | Connection kit assy, reopenable, 1 phase, fused, bridge T-off | Connection kit assy, reopenable, 1 phase, fused, bridge T-off, complete, refer SD1624 Detail D and TRUM Vol 4 Part 4 | Refer approved products and registered suppliers list - ITS & E |

| Part no. | Description, short | Description, detailed | Item (or equal) |
|---|---|---|---|
| 596 | Connection kit assy, reopenable, 3 phase, fused, bridge T-off | Connection kit assy, reopenable, 3 phase, fused, bridge T-off, complete, refer SD1625 Detail D and TRUM Vol 4 Part 4 | Refer approved products and registered suppliers list - ITS & E |
| 597 | Connection kit assy, reopenable, 1 phase, fused, remote connection | Connection kit assy, reopenable, 1 phase, fused, remote connection, complete, refer SD1624 Detail E and TRUM Vol 4 Part 4 | Refer approved products and registered suppliers list - ITS & E |
| 598 | Connection kit assy, reopenable, 3 phase, fused, remote connection | Connection kit assy, reopenable, 3 phase, fused, remote connection, complete, refer SD1625 Detail E and TRUM Vol 4 Part 4 | Refer approved products and registered suppliers list - ITS & E |
| 599 | Connection kit assy, reopenable, 1 phase, fused, local light pole | Connection kit assy, reopenable, 1 phase, fused, local light pole, complete, refer SD1624 Detail F and TRUM Vol 4 Part 4 | Refer approved products and registered suppliers list - ITS & E |
| 600 | Connection kit assy, reopenable, 3 phase, fused, local light pole | Connection kit assy, reopenable, 3 phase, fused, local light pole, complete, refer SD1625 Detail F and TRUM Vol 4 Part 4 | Refer approved products and registered suppliers list - ITS & E |
| 601 | Connection kit assy, reopenable, 1 phase, fused, bridge/structure | Connection kit assy, reopenable, 1 phase, fused, bridge/structure, complete, refer SD1624 Detail G and TRUM Vol 4 Part 4 | Refer approved products and registered suppliers list - ITS & E |
| 602 | Connection kit assy, reopenable, 3 phase, fused, bridge/structure | Connection kit assy, reopenable, 3 phase, fused, bridge/structure, complete, refer SD1625 Detail G and TRUM Vol 4 Part 4 | Refer approved products and registered suppliers list - ITS & E |
| 603 | Door switch | Door switch, 1NC + 1 NO contacts, break before make contacts, 300V | Telemecanique XCK-P limit door switch, XCKP2501P16 |
| 604 | Terminal panel, luminaire, Type E, minor road pole | Terminal panel, luminaire, Type E - minor road pole, complete, refer SD1323 | MM Electrical |
| 605 | Label, barrier cover plate | Label, barrier cover plate, 30mm black text on white reflective background (SD1673) | Wolf Signs - barrier cover plate label |
| 606 | Link, neutral, brass, 18x25mm² tunnels | Link, neutral, brass, 18x25mm² tunnels, 2 mounting feet | Netec Industries NE250FXX +  2 x M5 foot, Logix Engineering |
| 607 | Link, neutral, brass, 2x16mm² tunnels, no studs | Link, neutral, brass, 2x16mm² tunnels, no studs, 2 mounting feet | Netec Industries 2 x M5 foot, Logix Engineering |
| 608 | UPS Cabinet | UPS Cabinet | Logix Engineering: RSE130704/UPS |
| 609 | UPS Power Distribution Board | UPS Power Distribution Board | Logix Engineering: ITCS-LC-4U |
| 610 | Gpo | Gpo | Clipsal: 2025 |
| 611 | Gpo Mounting Block | Gpo Mounting Block | Clipsal: 449A |
| 612 | MAINS / GENERATOR CHANGE OVER SWITCH C/W TERMINAL SHROUDS | MAINS / GENERATOR CHANGE OVER SWITCH C/W TERMINAL SHROUDS | SOCOMEC: SCOM4404P + 229941005  **or** Kraus & Naimer: CA25.A211*AUQ2864.VE21 |
| 613 | Fan 55 Cfm 240Vac | Fan 55 Cfm 240Vac | Leipole: FK5522.230 |
| 614 | UPS MANUAL BYPASS SWITCH C/W TERMINAL SHROUDS | UPS MANUAL BYPASS SWITCH C/W TERMINAL SHROUDS | SOCOMEC : SCOM4404P + 229941005 |
| 615 | Battery Lifep04 100Ah 48Vdc | Battery Lifep04 100Ah 48Vdc | PowerPlus Energy - N70 (LFP) or SimpliPhi PHI (LFP) |
| 616 | Generator 15A Socket | Generator 15A Socket | Clipsal: 56A1313GY |
| 617 | Programmable Logic Controller (Pre Programmed) | Programmable Logic Controller (Pre Programmed) | Allan Bradley: 2080LC2020QBB / TMR / TSC |
| 618 | Programmable Logic Controller Power Supply | Programmable Logic Controller Power Supply | Allan Bradley: 2080PS120240VAC |
| 619 | 2000Va Traffic Signals 2Kva Ups System (Complete) | 2000Va Traffic Signals 2Kva Ups System (Complete) | Refer approved products and registered suppliers list - ITS & E |
| 620 | Circuit breaker, 32A 1 ph Type C | Circuit breaker, 32A 1 ph Type C | Schneider, iC60N 32a, Type C |
| 621 | 10A littlefuse - Power-Gard KLK series 10x38 | 10A littlefuse - Power-Gard KLK series 10x38 | 10A littlefuse, OKLK010.T. |
| 622 | Link, neutral, brass, 12x16mm² tunnels, no studs | Link, neutral, brass, 12x16mm² tunnels, no studs, 2 mounting feet | Netec Industries 2 x M5 foot, Logix Engineering |
| 623 | UPS Bypass switch | UPS Bypass switch, 32A, 2 position, 45-degree rotation | Australian Solenoid CO PTY LTD, part number: C26 AU006203 E |
| 624 | Surge Filter, 32A, 100kA, 275RMS | Surge filter, connection type-series, single phase, LED indication and external alarm, | NOVARIS - SFD1-32-100-275-A |
| 625 | Label, Max service fuse lable | Label, Max service fuse lable, Max fuse size (50A/63A/80A/100A) must be clearly labelled by the manufacturer, black text, coloured logo, yellow reflective background (SD1673) | Wolf Signs |

| Part no. | Description, short | Description, detailed | Item (or equal) |
|---|---|---|---|
| 626 | Glare shield for PE cell window | Glare shield for PE cell window | Logix Engineering |
| 627 | Gland, nylon, circular cable Large | Gland, nylon, circular cable small, IP68, black, M 40 x 1,5, nylon locknut, 4c 16mm², 4c 25mm² | 1.209.4001.50 + 1.262.4001.50    (For overall cable diameters 22-32mm) CABAC GN40                       (For overall cable diameters 19-28mm) |
| 628 | Distribution link (Heavy Duty) | 160A, 77x29x46mm, Output: 6x Connection Points | Dore Electrics – FJ160A |
| 629 | Earth electrode, cable connection clip, brass x2 | Earth electrode, cable connection clip, brass for 13dia rod x2 | Fulton Industries: 12D-1 |
| | | | |
| 700 | Blanking disc, 200mm | Blanking disc, 200mm, traffic signal lantern | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS) |
| 701 | Blanking disc, 300mm | Blanking disc, 300mm, traffic signal lantern | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS) |
| 702 | Blanking panel, target board, 200mm | Blanking panel, target board, 200mm, traffic signal | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS) |
| 703 | Blanking panel, target board, 300mm | Blanking panel, target board, 300mm, traffic signal | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS) |
| 704 | Cabinet, traffic signal, QC8ID | Cabinet, traffic signal controller, QC8ID, with power section | Tyco |
| 705 | Cable assy, PSC PSC link | Cable assy, special purpose, PSC PSC link, DBL | Tyco |
| 706 | Card, detector, MOD  4-12, PD204 | CARD:DETECTOR, PROCESSING MOD 4-12, PD204 | Tyco |
| 707 | Card, detector, MOD  8-8, AD8 | CARD:DETECTOR, PROCESSING MOD 8-8, AD8 | KVM |
| 708 | Card, detector, MOD  8-8, PD2088 | CARD:DETECTOR, PROCESSING MOD 8-8, PD2088 | Tyco |
| 709 | Card, detector, MOD 12-4, PD212 | CARD:DETECTOR, PROCESSING MOD 12-4, PD212 | Tyco |
| 710 | Card, detector, MOD 16-16, PD216 | CARD:DETECTOR, PROCESSING MOD 16-16, PD216 | Tyco |
| 711 | Card, operating instructions | CARD:OPERATOR INSTRUCTIONS TRAFFIC CONTROLLER | Tyco |
| 712 | Card, processor plus, PSC | CARD:PROCESSOR PLUS PSC P/NO 9584 813 20201 | Tyco |
| 713 | Control module, PSC MCML-4 | Control module, PSC MCML-4 | Tyco |
| 714 | Controller, flasher unit | Controller, flasher unit, 240VAC, 4A, solid state | KVM |
| 715 | Controller, traffic signal, 8 group, ATC-01 | Controller, traffic signal, 8 group, ATC-01 | KVM |
| 716 | Cowl, 200mm x 300mm, closed | Cowl, traffic signal lantern, 200mm x 300mm long, closed, type B | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS) |
| 717 | Cowl, 200mm, closed | Cowl, traffic signal lantern, 200mm, closed, type B | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS) |
| 718 | Cowl, 200mm, open | Cowl, traffic signal lantern, 200mm, open, type A | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS) |
| 719 | Cowl, 300mm x 400mm, closed | Cowl, traffic signal lantern, 300mm x 400mm long, closed, type B | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS) |
| 720 | Cowl, 300mm, closed | Cowl, traffic signal lantern, 300mm, closed, type B | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS) |
| 721 | Cowl, 300mm, open | Cowl, traffic signal lantern, 300mm, open, type A | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS) |
| 722 | Cowl, pedestrian | Cowl, traffic signal lantern, pedestrian | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS) |
| 723 | EPROM, 1500 NS 27512 | Microcircuit memory EPROM 1500 NS 27C512 | Braemac |
| 724 | Expansion module, 4 group, PSC4SG | Expansion module, 4 group, PSC4SG | Tyco |

| Part no. | Description, short | Description, detailed | Item (or equal) |
|---|---|---|---|
| 725 | Expansion module, 8 group, ALT01 | Expansion module, 8 group, ALT02 | KVM |
| 726 | Interface power board | Interface power board | Tyco |
| 727 | KDU | Keyboard display unit, KDU | Tyco |
| 728 | KDU, Palm 3 | Keyboard display unit, Palm 3 | Aldridge |
| 729 | KDU, touch screen | Keyboard display unit, touch screen, AUI | Aldridge |
| 730 | Key switch | Key switch, traffic signal controller | Clontarf |
| 731 | Lamp control board, PSC low power | Lamp control board, PSC low power | Tyco |
| 732 | Lamp control board, PSC standard | Lamp control board, PSC standard | Tyco |
| 733 | Lantern, arrow mask, 200mm | Lantern, arrow mask, 200mm | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS) |
| 734 | Lantern, arrow mask, 300mm | Lantern, arrow mask, 300mm | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS) |
| 735 | Lantern, ELV, 200mm, 1 aspect | Lantern, ELV, 200mm, 1 aspect | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS) |
| 736 | Lantern, ELV, 200mm, 2 aspect, G/Y | Lantern, ELV, 200mm, 2 aspect, G/Y | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS) |
| 737 | Lantern, ELV, 200mm, 3 aspect | Lantern, ELV, 200mm, 3 aspect | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS) |
| 738 | Lantern, ELV, 200mm, 4 aspect | Lantern, ELV, 200mm, 4 aspect | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS) |
| 739 | Lantern, ELV, 300mm, 1 aspect | Lantern, ELV, 300mm, 1 aspect | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS) |
| 740 | Lantern, ELV, 300mm, 2 aspect | Lantern, ELV, 300mm, 2 aspect | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS) |
| 741 | Lantern, ELV, 300mm, 3 aspect | Lantern, ELV, 300mm, 3 aspect | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS) |
| 742 | Lantern, LED, 200mm, 1 aspect, G | Lantern, LED, 200mm, 1 aspect, G | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS) |
| 743 | Lantern, LED, 200mm, 1 aspect, R | Lantern, LED, 200mm, 1 aspect, R | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS) |
| 744 | Lantern, LED, 200mm, 1 aspect, Y | Lantern, LED, 200mm, 1 aspect, Y | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS) |
| 745 | Lantern, LED, 200mm, 2 aspect, R/Y | Lantern, LED, 200mm, 2 aspect, R/Y | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS) |
| 746 | Lantern, LED, 200mm, 2 aspect, Y/G | Lantern, LED, 200mm, 2 aspect, Y/G | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS) |
| 747 | Lantern, LED, 200mm, 3 aspect | Lantern, LED, 200mm, 3 aspect | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS) |
| 748 | Lantern, LED, 200mm, 3 aspect, arrow | Lantern, LED, 200mm, 3 aspect, arrow | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS) |
| 749 | Lantern, LED, 200mm, 4 aspect | Lantern, LED, 200mm, 4 aspect | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS) |
| 750 | Lantern, LED, 300mm, 1 aspect, G | Lantern, LED, 300mm, 1 aspect, G | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS) |
| 751 | Lantern, LED, 300mm, 1 aspect, R | Lantern, LED, 300mm, 1 aspect, R | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS) |
| 752 | Lantern, LED, 300mm, 1 aspect, Y | Lantern, LED, 300mm, 1 aspect, Y | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS) |
| 753 | Lantern, LED, 300mm, 2 aspect, R/Y | Lantern, LED, 300mm, 2 aspect, R/Y | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS) |
| 754 | Lantern, LED, 300mm, 2 aspect, R/Y | Lantern, LED, 300mm, 2 aspect, R/Y | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS) |

Department of Transport and Main Roads

TRAFFIC SIGNALS/ROAD LIGHTING/ITS

Queensland Government

PARTS LIST

A3
Not to Scale

Standard Drawing No
1699
Date 7/2024

V

| Date 05/06/2024 | | Standard Drawing SD1699 - Parts list | |
|---|---|---|---|
| Revision  V | | | |
| | | | |
| | | | |
| **Part no.** | **Description, short** | **Description, detailed** | **Item (or equal)** |
| 755 | Lantern, LED, 300mm, 2 aspect, Y/G | Lantern, LED, 300mm, 2 aspect, Y/G | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS) |
| 756 | Lantern, LED, 300mm, 3 aspect | Lantern, LED, 300mm, 3 aspect | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS) |
| 757 | Lantern, LED, 300mm, 3 aspect, arrow | Lantern, LED, 300mm, 3 aspect, arrow | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS) |
| 758 | Lantern, louvre, 200mm | Lantern, louvre, 200mm | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS) |
| 759 | Lantern, louvre, 300mm, Al | Lantern, louvre, 300mm, Al | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS) |
| 760 | Lantern, pedestrian, ELV | Lantern, pedestrian, ELV | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS) |
| 761 | Lantern, pedestrian, LED | Lantern, pedestrian, LED | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS) |
| 762 | Line termination PSC MKII | Line termination PSC MKII | Tyco |
| 763 | PROM, 27C6 27C24 | Microcircuit memory PROM 27C6 27C24 | Braemac |
| 764 | Push button, pedestrian, audio tactile | Push button, pedestrian, audio tactile | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS), Braums |
| 765 | Push button, pedestrian, standard | Push button, pedestrian, standard | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS), Braums |
| 766 | Target board, 1x3 aspect, 200mm, plastic | Target board, 1x3 aspect, 200mm, plastic | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS) |
| 767 | Target board, 1x3 aspect, 300mm, aluminium | Target board, 1x3 aspect, 300mm, aluminium | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS) |
| 768 | Target board, 1x4 aspect, 200mm, aluminium | Target board, 1x4 aspect, 200mm, aluminium | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS) |
| 769 | Target board, 2x3 aspect, 200mm, plastic | Target board, 2x3 aspect, 200mm, plastic | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS) |
| 770 | Target board, 2x3 aspect, 300mm, aluminium | Target board, 2x3 aspect, 300mm, aluminium | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS) |
| 771 | Terminal, loop feeder, PSC MK II | Terminal, loop feeder, PSC MK II | Tyco |
| 772 | Traffic signal controller, ATC01 | Traffic signal controller, ATC01 | Aldridge Traffic Controllers (ATC) |
| 773 | Transducer, audio tactile driver unit | Transducer, audio tactile driver unit | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS), Braums |
| 774 | Transducer, electrical speaker arrow | Transducer, electrical speaker arrow | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS), Braums |
| 775 | Assy, upper mounting, final cap | Assy, upper mounting, final cap | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS), Braums |
| 776 | Assy, lower mounting, split shell | Assy, lower mounting, split shell | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS), Braums |
| 777 | Straps, 250mm galvanised, lantern fixing | Straps, 250mm galvanised, lantern fixing (provided with 300mm and ped lanterns) | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS), Braums |
| 778 | Straps, 120mm galvanised, lantern fixing | Straps, 120mm galvanised, lantern fixing (provided with 200mm lanterns) | Aldridge Electrical Industries (AEI), Aldridge Traffic Systems (ATS), Braums |
| 779 | Pushbutton, bicycle escutcheon plate | Pushbutton, bicycle escutcheon plate | |
| 780 | UPS 2000Va Line Interactive | UPS 2000Va Line Interactive | Alpha Technologies: FXM 2000 |