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## Wiring – Wire list

**DMC:** S1000DLIGHTING-AAA-D00-00-00-00AA-057A-A  
**Language:** en/US  
**Issue No.:** 008  
**Issue Date:** 2012-12-31  
**Title:** Wiring – Wire list  
**Security Classification:** UNCLASSIFIED

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**Policy reference:** TPSMG TOR 001

**Conditions:** There are no known conditions that would change the data restrictions for, or security classification of, this data module.

**Responsible partner company:** UK MoD /U8025

**Originator:** UK MoD /U8025

**Applicability cross-reference table reference:** [S1000DBIKE-AAA-D00-00-00-00AA-00WA-D](#)

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**Applicable to:** S1000DLIGHTING-AAA-D00-00-00-00AA-057A-A  
 [\[app-00000000AA057A-0000\]](#)

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**Applicability:** [\[app-00000000AA057A-0000\]](#)

**Technical standard:** **Authority information:** 20010131  
**Authority baseline:** Bike book  
**Authority exceptions:**  
**Authority notes:**

**Brex data module reference:** [S1000DBIKE-AAA-D00-00-00-00AA-022A-D](#)

**QA:** First verification Cleared Table Top

**System breakdown code:** LT

**Skill level:** Basic

**Reason for updating:** CPF 2010-014S1  
TIR explanation

**Reason for updating:** Applicability Externalization  
CPF 2009-144S1

## Wiring

### Wire list

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### References

*Table 1 References*

Data module/Technical publication	Title
None	

### Wiring data

Ident	Connection		Information	Applicability
	From	To		
FL1AA  State: Active	FIN: L1 Contact: + Wire conn. code: Electrical potential: Contact order: 1 NA code: 01	FIN: VV1 Contact: 1 + PN: P2201-P Wire conn. code: Electrical potential: TM grouping: 1 Block grouping: 1 Shunt grouping: 1 Contact order: 1 NA code: 03	Wire code: Wire type: AP Wire guages: - 010 (proj) PN: W2201-K Harn. id: Lamp1 Wire seq. no.: 1 Circuit: 234 Section: 567 Twists: - Lamp1 Twisting type: 1 Length: 1000 Wire color: red U8025 Routing: Feed-throughs: FIN: FT3 Hole id: 1	<a href="#">[app-00000000A A057A-0001]</a>

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Ident	Connection		Information	Applicability
	From	To		
FL2AA State: Active	FIN: L1 Contact: - Wire conn. code: Electrical potential: Contact order: 2 NA code: 01	FIN: VV1 Contact: 1 - Wire conn. code: Electrical potential: TM grouping: 1 Block grouping: 1 Shunt grouping: 2 Contact order: 5 NA code: 03	Wire code: Wire type: AP Wire guages: - 010 (proj) PN: 23-4567 Harn. id: Lamp1 Wire seq. no.: 2 Twists: - Lamp1 Twisting type: 1 Length: 1000 Wire color: blue U8025 Routing: Feed-throughs: FIN: FT3 Hole id: 2	<a href="#">[app-00000000A A057A-0001]</a>
NC1VI State: Not active	FIN: VV1 Contact: 4 + Wire conn. code: Electrical potential: TM grouping: 1 Block grouping: 1 Shunt grouping: 1 Contact order: 4 NA code: 03			<a href="#">[app-00000000A A057A-0001]</a>
RL1AA State: Active	FIN: L2 Contact: + Wire conn. code: Electrical potential: Contact order: 1 NA code: 01	FIN: VV1 Contact: 2 + PN: P2201-P Wire conn. code: Electrical potential: TM grouping: 1 Block grouping: 1 Shunt grouping: 1 Contact order: 2 NA code: 03	Wire code: Wire type: AP Wire guages: - 010 (proj) Harn. id: Lamp2 Wire seq. no.: 1 Circuit: 134 Section: 467 Twists: - Lamp2 Twisting type: 1 Length: 1500 Wire color: red U8025 Routing: Feed-throughs: FIN: FT3 Hole id: 3	<a href="#">[app-00000000A A057A-0001]</a>

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Ident	Connection		Information	Applicability
	From	To		
RL2AA State: Active	FIN: L2 Contact: - Wire conn. code: Electrical potential: Contact order: 2 NA code: 01	FIN: VV1 Contact: 2 - PN: P2201-M Wire conn. code: Electrical potential: TM grouping: 1 Block grouping: 1 Shunt grouping: 2 Contact order: 6 NA code: 03	Wire code: Wire type: AP Wire guages: - 010 (proj) Harn. id: Lamp2 Wire seq. no.: 2 Twists: - Lamp2 Twisting type: 1 Length: 1500 Wire color: blue U8025 Routing: Feed-throughs: FIN: FT3 Hole id: 4	<a href="#">[app-00000000A A057A-0001]</a>
GE2AA State: Active	FIN: Gen Contact: GND Wire conn. code: Electrical potential: Contact order: 2 Potential conn. order: 1 NA code: 01 Group code: G1-	FIN: VV1 Contact: 3 - PN: P2201-M Wire conn. code: Electrical potential: TM grouping: 1 Block grouping: 1 Shunt grouping: 2 Contact order: 7 NA code: 03	Wire code: Wire type: AP Wire guages: - 010 (proj) Wire seq. no.: 2 Length: 500 U8025 Routing: Feed-throughs: FIN: FT2 Hole id: 2	<a href="#">[app-00000000A A057A-0001]</a>
BT2AA State: Active	FIN: Batt Context: PN- AC-12561 MFG: F0001 Origin: Manufacturer	FIN: C_Batt Contact: - Install direct: B Wire conn. code: Electrical potential: Contact order: 2 NA code: 02	Wire code: Wire type: AP Wire guages: - 010 (proj) Harn. id: Batt_01 Context: PN- AC-12561 MFG: F0001 Origin: Manufacturer Wire seq. no.: 2 Twists: - Batt Twisting type: 1 Length: 400 [critical] Wire color: black U8025 NHA: FIN ELO-Box	<a href="#">[app-00000000A A057A-0001]</a>

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Ident	Connection		Information	Applicability
	From	To		
GE1AA State: Active	FIN: Gen Wire conn. code: Electrical potential: Contact order: 1 Potential conn. order: 1 NA code: 01 Group code: G1+	FIN: Rel Contact: 2 Function: Generator mode Wire conn. code: Electrical potential: Block grouping: 2 Shunt grouping: 2 Contact order: 102 NA code: 04	Wire code: Wire type: AP Wire guages: - 010 (proj) Wire seq. no.: 1 Length: 500 U8025 Routing: Feed-throughs: FIN: FT2 Hole id: 1	<a href="#">[app-00000000A A057A-0001]</a>
GE3AA State: Active	FIN: Gen Wire conn. code: Electrical potential: Contact order: 1 Potential conn. order: 2 NA code: 01 Group code: G2+	FIN: Diode Contact: A Wire conn. code: Electrical potential: Block grouping: 1 Shunt grouping: 1 Contact order: 1 NA code: 04	Wire code: Wire type: AP Wire guages: - 010 (proj) Wire seq. no.: 3 Length: 500 U8025 Routing: Feed-throughs: FIN: FT2 Hole id: 3	<a href="#">[app-00000000A A057A-0001]</a>
GE3AB State: Active	FIN: Gen Wire conn. code: Electrical potential: Contact order: 1 Potential conn. order: 3 NA code: 01 Group code: G2+	FIN: Diode Contact: A Wire conn. code: Electrical potential: Block grouping: 1 Shunt grouping: 1 Contact order: 1 NA code: 04	Wire code: Wire type: AP Wire guages: - 010 (proj) Wire seq. no.: 3 Length: 500 U8025 Routing: Feed-throughs: FIN: FT2 Hole id: 4	<a href="#">[app-00000000A A057A-0001]</a>
BT1AA Context: PN- AC-12561 MFG: F0001 Origin: Manufacturer State: Active	FIN: Batt Contact: + Install direct: A Wire conn. code: Electrical potential: Contact order: 1 NA code: 01	FIN: C_Batt Contact: + Install direct: B Wire conn. code: Electrical potential: Contact order: 1 NA code: 02	Wire code: Wire type: AP Wire guages: - 010 (proj) Harn. id: Batt_01 Context: PN- AC-12561 MFG: F0001 Origin: Manufacturer Wire seq. no.: 1 Twists: - Batt Twisting type: 1	<a href="#">[app-00000000A A057A-0001]</a>

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Ident	Connection		Information	Applicability
	From	To		
			Length: 400 [critical] Wire color: red U8025 NHA: FIN ELO-Box	
BA1AA State: Active	FIN: C_Bike Contact: + Wire conn. code: Electrical potential: Contact order: 1 NA code: 02	FIN: S1 Contact: Batt Wire conn. code: Electrical potential: Block grouping: 1 Shunt grouping: 1 Contact order: 1 NA code: 04	Wire code: Wire type: AP Wire guages: - 010 (proj) Wire seq. no.: 1 Length: 1200 U8025 Routing: Feed-throughs: FIN: FT1 Hole id: 1 NHA: FIN ELO-Box	<a href="#">[app-00000000A A057A-0001]</a>
BA1AB State: Active	FIN: S1 Contact: ON Wire conn. code: Electrical potential: Block grouping: 1 Shunt grouping: 1 Contact order: 102 NA code: 04	FIN: Rel Contact: 3 Function: Battery mode Wire conn. code: Electrical potential: Block grouping: 2 Shunt grouping: 1 Contact order: 103 NA code: 04	Wire code: Wire type: AP Wire guages: - 010 (proj) Wire seq. no.: 1 Length: 1000 U8025 Routing: Feed-throughs: FIN: FT1 Hole id: 2 NHA: FIN ELO-Box	<a href="#">[app-00000000A A057A-0001]</a>
BA2AA State: Active	FIN: C_Bike Contact: - Wire conn. code: Electrical potential: Contact order: 2 NA code: 02	FIN: VV1 Contact: 4 - PN: P2201-M Wire conn. code: Electrical potential: TM grouping: 1 Block grouping: 1 Shunt grouping: 2 Contact order: 8 NA code: 03	Wire code: Wire type: AP Wire guages: - 010 (proj) Wire seq. no.: 2 Length: 200 U8025 NHA: FIN ELO-Box	<a href="#">[app-00000000A A057A-0001]</a>
LL1AA State: Active	FIN: Rel Contact: 1 Wire conn. code: Electrical potential: Block grouping: 2 Shunt grouping: 1 Contact order: 1 NA code: 04	FIN: VV1 Contact: 3 + PN: P2201-P Wire conn. code: Electrical potential: TM grouping: 1 Block grouping: 1 Shunt grouping: 1	Wire code: Wire type: AP Wire guages: - 010 (proj) Wire seq. no.: 1 Length: 500 U8025 NHA: FIN ELO-Box	<a href="#">[app-00000000A A057A-0001]</a>

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Ident	Connection		Information	Applicability
	From	To		
		Contact order: 3 NA code: 03		
GE4AA State: Active	FIN: Gen Contact: GND Wire conn. code: Electrical potential: Contact order: 2 Potential conn. order: 2 NA code: 01 Group code: G1-	FIN: Rel Wire conn. code: Electrical potential: Block grouping: 1 Shunt grouping: 1 Contact order: 1 NA code: 04	Wire code: Wire type: AP Wire gauges: - 010 (proj) Wire seq. no.: 4 Length: 500 U8025 Routing: Feed-throughs: FIN: FT2 Hole id: 4	<a href="#">[app-00000000A A057A-0001]</a>
GE5AA State: Logconn	FIN: Diode Contact: K Wire conn. code: Electrical potential: Block grouping: 1 Shunt grouping: 1 Contact order: 2 NA code: 04	FIN: Rel Wire conn. code: Electrical potential: Block grouping: 1 Shunt grouping: 1 Contact order: 2 Potential conn. order: 1 NA code: 04 Group code: R1		<a href="#">[app-00000000A A057A-0001]</a>
GE5AB State: Logconn	FIN: Diode Contact: K Wire conn. code: Electrical potential: Block grouping: 1 Shunt grouping: 1 Contact order: 2 NA code: 04	FIN: Rel Wire conn. code: Electrical potential: Block grouping: 1 Shunt grouping: 1 Contact order: 2 Potential conn. order: 2 NA code: 04 Group code: R1		<a href="#">[app-00000000A A057A-0001]</a>
T001 State: Active	FIN: T01 Contact: 1 Wire conn. code: Screen order: 2 Electrical potential: Contact order: 1 NA code: 01 Screens: - Type: 01, Lvl: 00, Sty: 00	FIN: Sensor Contact: A Wire conn. code: Screen order: 2 Electrical potential: Contact order: 1 NA code: 01 Screens: - Type: 01, Lvl: 00, Sty: 00	Wire code: Wire type: XY Wire gauges: - 010 (proj) Harn. id: Tacho Wire seq. no.: 001 Screens: - SCT1 Twists: - Tacho Twisting type: 1 Length: 1200 Wire color: yellow	<a href="#">[app-00000000A A057A-0001]</a>

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Ident	Connection		Information	Applicability
	From	To		
			U8025	
T002 State: Active	FIN: T01 Contact: 2 Wire conn. code: Screen order: 3 Electrical potential: Contact order: 2 NA code: 01 Screens: - Type: 01, Lvl: 00, Sty: 00	FIN: Sensor Contact: B Wire conn. code: Screen order: 3 Electrical potential: Contact order: 2 NA code: 01 Screens: - Type: 01, Lvl: 00, Sty: 00	Wire code: Wire type: XY Wire guages: - 010 (proj) Harn. id: Tacho Wire seq. no.: 002 Screens: - SCT1 Twists: - Tacho Twisting type: 1 Length: 1200 Wire color: green U8025	<a href="#">[app-00000000A A057A-0001]</a>
ND1 State: Logconn	FIN: T01 Wire conn. code: Screen order: 1 Spec. conn.: 100 Electrical potential: Contact order: 0 NA code: 01 Screens: - Type: 03, Lvl: 01, Sty: 01	FIN: T01 Wire conn. code: Screen order: 1 Electrical potential: Contact order: 0 NA code: 01 Screens: - SCT1 Type: 03, Lvl: 01, Sty: 01		<a href="#">[app-00000000A A057A-0001]</a>
ND2 State: Logconn	FIN: Sensor Wire conn. code: Screen order: 1 Spec. conn.: 100 Electrical potential: Contact order: 0 NA code: 01 Screens: - Type: 03, Lvl: 01, Sty: 01	FIN: Sensor Wire conn. code: Screen order: 1 Electrical potential: Contact order: 0 NA code: 01 Screens: - SCT1 Type: 03, Lvl: 01, Sty: 01		<a href="#">[app-00000000A A057A-0001]</a>

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