

Certificate of Acceptance

PA05/07026

Manufacturer:
Ilecsys Rail Limited

Issue : 2
Valid From : 17/06/2019

Pre-wired Plugs & Receptacles for Signalling Equipment

Product Description

This certificate covers Pre-Wired Plugs & Receptacles for Signalling Equipment. These are manufactured using Signalling Wire that has previously been approved (under separate certification) and MIL5015 style Plug Couplers.

They are used in REBs, Locations Cases and Disconnection Boxes.

Product Image



Scope of Acceptance

Full Acceptance

Where the scope is limited to:

- Wired Plugs & Receptacles defined in this certificate.

Further restrictions specified in Specific Conditions of this certificate (Page 2)

Network Rail Acceptance Panel (NRAP) hereby authorises the product above for use and trial use on railway infrastructure for which Network Rail is the Infrastructure Manager under the ROGS regulations.
Authorised by:

Stephen Rennolds
Technology Introduction Specialist

Jerry Morling
Professional Head of Signal Engineering

Manufacturer:
Ilceys Rail Limited

Issue : 2
Valid From : 17/06/2019

Specific Conditions

The following Conditions are specific to the approved product/s contained within this Certificate. These conditions must be adhered to in addition to the Network Rail General Conditions contained within the "General Terms and Conditions" section.

Failure to adhere to these conditions may result in the withdrawal or suspension of Acceptance of some, or all of the items contained within the accepted configuration.

Manufacturer

- 1) Shall only manufacture these Wired Plugs & Receptacles at their factory in Princes Risborough
- 2) Shall provide copies of unique traceable Certificates of Conformance with each configuration item.

Signalling Contractor

- 1) Shall provide copies of briefing notes and an appropriate level of training to users of the Wired Plugs & Receptacles.
- 2) Shall provide copies of O&M manuals (covering installation, maintenance, testing and tool list) to purchasers & users of the Wired Plugs & Receptacles;
- 3) Shall provide copies of unique traceable Certificates of Conformance with each configuration item to the maintainer;
- 4) Ensure that the Wired Plugs & Receptacles are installed correctly and tested before the signalling system is commissioned.
- 5) Ensure that Wired Plugs & Receptacles are secured in place and positioned to avoid maintenance hazards.
- 6) Shall Ensure product is applied as per manufacturers specification. Product compliant to BS EN 45545-2:2013+A1:2015

Users: Specifiers, installers, operators, maintainers, etc. using the product shall:

- 1) Ensure that installation and maintenance is only performed by personnel that have completed the appropriate training course;
- 2) Ensure that removal and replacement of equipment is in accordance with the O&M manuals;
- 3) Shall Ensure product is applied as per manufacturers specification. Product compliant to BS EN 45545-2:2013+A1:2015

Manufacturer:
Ilcesys Rail Limited

Issue : 2
Valid From : 17/06/2019

Product Configuration

Table of Contents

Table No.	Appendix in P&P Guidance Note 7	Description	Page No.
1	B4	Panel Mounted Receptacles – General Use	4
2	D1	Panel Mounted Receptacles – MCB-OD	11
3	E1	Panel Mounted Receptacles – Signals & Indicators	15
4	E2	Panel Mounted Receptacles – Signals & Indicators	19
5	E3	Panel Mounted Receptacles – Signals & Indicators	21
6	F1	Panel Mounted Plugs & Receptacles – Train Protection & Warning Systems	23
7	G1	Panel Mounted Receptacles – Point Operating Equipment IBCL & HyDrive < 50m from Location Case	25
8	G2	Panel Mounted Receptacles – Point Operating Equipment HyDrive >50m from Location Case	27
9	G3	Panel Mounted Receptacles – Point Operating Equipment	29
10	H1	Panel Mounted Receptacles – Train Detection	32
11	J1	Panel Mounted Receptacles – Lineside Cabling	32
12	J2	Panel Mounted Receptacles – Lineside AzLM and Quad Cabling	36
13	-	Panel Mounted Receptacles – TDEU System	39

Manufacturer:
Ilecsys Rail Limited

Issue : 2
Valid From : 17/06/2019

**Table 1 Panel Mounted Receptacles
Plug & Play Guidance Note 7 Appendix B4 – General Use**

Table 1 – General Use – Appendix B4 Panel Mounted Receptacles				
Ref	Ilecsys Rail Part No.	Description	PADS No.	Cert issue
1	SE-SK 0502/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 Type CK 2.5mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192011	1
2	SE-SK 0502/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 Type CK 2.5mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192012	1
3	SE-SK 0502/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 Type CK 2.5mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192013	1
4	SE-SK 0502/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 Type CK 2.5mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192014	1
5	SE-SK 0502/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 Type CK 2.5mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192015	1
6	SE-SK 0502/11 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192191	1
7	SE-SK 0502/12 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192192	1
8	SE-SK 0502/13 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192193	1
9	SE-SK 0502/14 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192194	1
10	SE-SK 0502/15 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192195	1
11	SE-SK 0507/01 Rev C	NR P&P, Rear Panel Mounted Receptacle, 3 Wire Blue, White, Screen A4 2.5mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192031	1
12	SE-SK 1210/02 Rev A	NR P&P, Rear Panel Mounted Receptacle, A4 2+s Cable 2.5mmsq 0.5m long, with MIL5015 Receptacle (F) to Free Ends	006/192565	1
13	SE-SK 1210/03 Rev A	NR P&P, Rear Panel Mounted Receptacle, A4 2+s Cable 2.5mmsq 1.0m long, with MIL5015 Receptacle (F) to Free Ends	006/192566	1
14	SE-SK 1210/04 Rev A	NR P&P, Rear Panel Mounted Receptacle, A4 2+s Cable 2.5mmsq 1.5m long, with MIL5015 Receptacle (F) to Free Ends	006/192567	1
15	SE-SK 1210/05 Rev A	NR P&P, Rear Panel Mounted Receptacle, A4 2+s Cable 2.5mmsq 2.0m long, with MIL5015 Receptacle (F) to Free Ends	006/192568	1
16	SE-SK 0507/11 Rev C	NR P&P, Rear Panel Mounted Receptacle, 3 Wire Blue, White, Screen A4 0.75mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192211	1
17	SE-SK 1210/12 Rev A	NR P&P, Rear Panel Mounted Receptacle, A4 2+s Cable 0.75mmsq 0.5m long, with MIL5015 Receptacle (F) to Free Ends	006/192549	1
18	SE-SK 1210/13 Rev A	NR P&P, Rear Panel Mounted Receptacle, A4 2+s Cable 0.75mmsq 1.0m long, with MIL5015 Receptacle (F) to Free Ends	006/192550	1

Manufacturer:
Ilecsys Rail Limited

Issue : 2
Valid From : 17/06/2019

**Table 1 – General Use – Appendix B4
Panel Mounted Receptacles**

Ref	Ilecsys Rail Part No.	Description	PADS No.	Cert issue
19	SE-SK 1210/14 Rev A	NR P&P, Rear Panel Mounted Receptacle, A4 2+s Cable 0.75mmsq 1.5m long, with MIL5015 Receptacle (F) to Free Ends	006/192551	1
20	SE-SK 1210/15 Rev A	NR P&P, Rear Panel Mounted Receptacle, A4 2+s Cable 0.75mmsq 2.0m long, with MIL5015 Receptacle (F) to Free Ends	006/192552	1
21	SE-SK 0512/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192051	1
22	SE-SK 0512/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192052	1
23	SE-SK 0512/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192053	1
24	SE-SK 0512/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192054	1
25	SE-SK 0512/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192055	1
26	SE-SK 0512/11 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192231	1
27	SE-SK 0512/12 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192232	1
28	SE-SK 0512/13 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192233	1
29	SE-SK 0512/14 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192234	1
30	SE-SK 0512/15 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192235	1
31	SE-SK 0513/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 0.3m long, with MIL5015 Receptacle (M) to Free End	006/192056	1
32	SE-SK 0513/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 0.5m long, with MIL5015 Receptacle (M) to Free End	006/192057	1
33	SE-SK 0513/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 1.0m long, with MIL5015 Receptacle (M) to Free End	006/192058	1
34	SE-SK 0513/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 1.5m long, with MIL5015 Receptacle (M) to Free End	006/192059	1
35	SE-SK 0513/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 2.0m long, with MIL5015 Receptacle (M) to Free End	006/192060	1
36	SE-SK 0513/11 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.3m long, with MIL5015 Receptacle (M) to Free End	006/192236	1

Manufacturer:
Ilecsys Rail Limited

Issue : 2
Valid From : 17/06/2019

**Table 1 – General Use – Appendix B4
Panel Mounted Receptacles**

Ref	Ilecsys Rail Part No.	Description	PADS No.	Cert issue
37	SE-SK 0513/12 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.5m long, with MIL5015 Receptacle (M) to Free End	006/192237	1
38	SE-SK 0513/13 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.0m long, with MIL5015 Receptacle (M) to Free End	006/192238	1
39	SE-SK 0513/14 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.5m long, with MIL5015 Receptacle (M) to Free End	006/192239	1
40	SE-SK 0513/15 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 2.0m long, with MIL5015 Receptacle (M) to Free End	006/192240	1
41	SE-SK 0517/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire Black BS6231 Type CK 2.5mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192071	1
42	SE-SK 0517/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire Black BS6231 Type CK 2.5mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192072	1
43	SE-SK 0517/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire Black BS6231 Type CK 2.5mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192073	1
44	SE-SK 0517/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire Black BS6231 Type CK 2.5mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192074	1
45	SE-SK 0517/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire Black BS6231 Type CK 2.5mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192075	1
46	SE-SK 0517/11 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192251	1
47	SE-SK 0517/12 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192252	1
48	SE-SK 0517/13 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192253	1
49	SE-SK 0517/14 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192254	1
50	SE-SK 0517/15 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192255	1
51	SE-SK 0522/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 10 Wire Black BS6231 Type CK 2.5mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192091	1
52	SE-SK 0522/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 10 Wire Black BS6231 Type CK 2.5mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192092	1

Manufacturer:
Ilecsys Rail Limited

Issue : 2
Valid From : 17/06/2019

**Table 1 – General Use – Appendix B4
Panel Mounted Receptacles**

Ref	Ilecsys Rail Part No.	Description	PADS No.	Cert issue
53	SE-SK 0522/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 10 Wire Black BS6231 Type CK 2.5mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192093	1
54	SE-SK 0522/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 10 Wire Black BS6231 Type CK 2.5mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192094	1
55	SE-SK 0522/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 10 Wire Black BS6231 Type CK 2.5mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192095	1
56	SE-SK 0522/11 Rev B	NR P&P, Rear Panel Mounted Receptacle, 10 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192271	1
57	SE-SK 0522/12 Rev B	NR P&P, Rear Panel Mounted Receptacle, 10 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192272	1
58	SE-SK 0522/13 Rev B	NR P&P, Rear Panel Mounted Receptacle, 10 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192273	1
59	SE-SK 0522/14 Rev B	NR P&P, Rear Panel Mounted Receptacle, 10 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192274	1
60	SE-SK 0522/15 Rev B	NR P&P, Rear Panel Mounted Receptacle, 10 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192275	1
61	SE-SK 0527/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire Black BS6231 Type CK 2.5mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192111	1
62	SE-SK 0527/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire Black BS6231 Type CK 2.5mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192112	1
63	SE-SK 0527/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire Black BS6231 Type CK 2.5mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192113	1
64	SE-SK 0527/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire Black BS6231 Type CK 2.5mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192114	1
65	SE-SK 0527/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire Black BS6231 Type CK 2.5mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192115	1
66	SE-SK 0527/11 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192291	1
67	SE-SK 0527/12 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192292	1

Manufacturer:
Ilecsys Rail Limited

Issue : 2
Valid From : 17/06/2019

**Table 1 – General Use – Appendix B4
Panel Mounted Receptacles**

Ref	Ilecsys Rail Part No.	Description	PADS No.	Cert issue
68	SE-SK 0527/13 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192293	1
69	SE-SK 0527/14 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192294	1
70	SE-SK 0527/15 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192295	1
71	SE-SK 0532/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 16 Wire Black BS6231 Type CK 2.5mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192131	1
72	SE-SK 0532/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 16 Wire Black BS6231 Type CK 2.5mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192132	1
73	SE-SK 0532/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 16 Wire Black BS6231 Type CK 2.5mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192133	1
74	SE-SK 0532/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 16 Wire Black BS6231 Type CK 2.5mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192134	1
75	SE-SK 0532/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 16 Wire Black BS6231 Type CK 2.5mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192135	1
76	SE-SK 0532/11 Rev B	NR P&P, Rear Panel Mounted Receptacle, 16 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192311	1
77	SE-SK 0532/12 Rev B	NR P&P, Rear Panel Mounted Receptacle, 16 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192312	1
78	SE-SK 0532/13 Rev B	NR P&P, Rear Panel Mounted Receptacle, 16 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192313	1
79	SE-SK 0532/14 Rev B	NR P&P, Rear Panel Mounted Receptacle, 16 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192314	1
80	SE-SK 0532/15 Rev B	NR P&P, Rear Panel Mounted Receptacle, 16 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192315	1
81	SE-SK 0537/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 19 Wire Black BS6231 Type CK 2.5mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192151	1
82	SE-SK 0537/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 19 Wire Black BS6231 Type CK 2.5mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192152	1

Manufacturer:
Ilecsys Rail Limited

Issue : 2
Valid From : 17/06/2019

**Table 1 – General Use – Appendix B4
Panel Mounted Receptacles**

Ref	Ilecsys Rail Part No.	Description	PADS No.	Cert issue
83	SE-SK 0537/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 19 Wire Black BS6231 Type CK 2.5mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192153	1
84	SE-SK 0537/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 19 Wire Black BS6231 Type CK 2.5mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192154	1
85	SE-SK 0537/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 19 Wire Black BS6231 Type CK 2.5mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192155	1
86	SE-SK 0537/11 Rev B	NR P&P, Rear Panel Mounted Receptacle, 19 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192331	1
87	SE-SK 0537/12 Rev B	NR P&P, Rear Panel Mounted Receptacle, 19 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192332	1
88	SE-SK 0537/13 Rev B	NR P&P, Rear Panel Mounted Receptacle, 19 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192333	1
89	SE-SK 0537/14 Rev B	NR P&P, Rear Panel Mounted Receptacle, 19 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192334	1
90	SE-SK 0537/15 Rev B	NR P&P, Rear Panel Mounted Receptacle, 19 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192335	1
91	SE-SK 0542/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 27 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192351	1
92	SE-SK 0542/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 27 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192352	1
93	SE-SK 0542/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 27 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192353	1
94	SE-SK 0542/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 27 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192354	1
95	SE-SK 0542/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 27 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192355	1
96	SE-SK 0547/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 37 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192371	1
97	SE-SK 0547/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 37 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192372	1

Manufacturer:
Ilecsys Rail Limited

Issue : 2
Valid From : 17/06/2019

**Table 1 – General Use – Appendix B4
Panel Mounted Receptacles**

Ref	Ilecsys Rail Part No.	Description	PADS No.	Cert issue
98	SE-SK 0547/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 37 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192373	1
99	SE-SK 0547/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 37 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192374	1
100	SE-SK 0547/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 37 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192375	1
101	SE-SK 0552/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 48 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192391	1
102	SE-SK 0552/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 48 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192392	1
103	SE-SK 0552/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 48 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192393	1
104	SE-SK 0552/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 48 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192394	1
105	SE-SK 0552/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 48 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192395	1

Manufacturer:
Ilecsys Rail Limited

Issue : 2
Valid From : 17/06/2019

**Table 2 Panel Mounted Receptacles
Plug & Play Guidance Note 7
Appendix D1 – MCB-OD**

Table 2 – MCB-OD – Appendix D1 Panel Mounted Receptacles				
Ref	Network Rail Part No.	Description	PADS No.	Cert issue
1	SE-SK 0502/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 Type CK 2.5mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192011	1
2	SE-SK 0502/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 Type CK 2.5mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192012	1
3	SE-SK 0502/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 Type CK 2.5mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192013	1
4	SE-SK 0502/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 Type CK 2.5mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192014	1
5	SE-SK 0502/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 Type CK 2.5mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192015	1
6	SE-SK 0502/11 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192191	1
7	SE-SK 0502/12 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192192	1
8	SE-SK 0502/13 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192193	1
9	SE-SK 0502/14 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192194	1
10	SE-SK 0502/15 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192195	1
11	SE-SK 0507/01 Rev C	NR P&P, Rear Panel Mounted Receptacle, 3 Wire Blue, White, Screen A4 2.5mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192031	1
12	SE-SK 1210/02 Rev A	NR P&P, Rear Panel Mounted Receptacle, A4 2+s Cable 2.5mmsq 0.5m long, with MIL5015 Receptacle (F) to Free Ends	006/192565	1
13	SE-SK 1210/03 Rev A	NR P&P, Rear Panel Mounted Receptacle, A4 2+s Cable 2.5mmsq 1.0m long, with MIL5015 Receptacle (F) to Free Ends	006/192566	1
14	SE-SK 1210/04 Rev A	NR P&P, Rear Panel Mounted Receptacle, A4 2+s Cable 2.5mmsq 1.5m long, with MIL5015 Receptacle (F) to Free Ends	006/192567	1
15	SE-SK 1210/05 Rev A	NR P&P, Rear Panel Mounted Receptacle, A4 2+s Cable 2.5mmsq 2.0m long, with MIL5015 Receptacle (F) to Free Ends	006/192568	1
16	SE-SK 0507/11 Rev C	NR P&P, Rear Panel Mounted Receptacle, 3 Wire Blue, White, Screen A4 0.75mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192211	1
17	SE-SK 1210/12 Rev A	NR P&P, Rear Panel Mounted Receptacle, A4 2+s Cable 0.75mmsq 0.5m long, with MIL5015 Receptacle (F) to Free Ends	006/192549	1

Manufacturer:
Ileccys Rail Limited

Issue : 2
Valid From : 17/06/2019

**Table 2 – MCB-OD – Appendix D1
Panel Mounted Receptacles**

Ref	Network Rail Part No.	Description	PADS No.	Cert issue
18	SE-SK 1210/13 Rev A	NR P&P, Rear Panel Mounted Receptacle, A4 2+s Cable 0.75mmsq 1.0m long, with MIL5015 Receptacle (F) to Free Ends	006/192550	1
19	SE-SK 1210/14 Rev A	NR P&P, Rear Panel Mounted Receptacle, A4 2+s Cable 0.75mmsq 1.5m long, with MIL5015 Receptacle (F) to Free Ends	006/192551	1
20	SE-SK 1210/15 Rev A	NR P&P, Rear Panel Mounted Receptacle, A4 2+s Cable 0.75mmsq 2.0m long, with MIL5015 Receptacle (F) to Free Ends	006/192552	1
21	SE-SK 0512/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192051	1
22	SE-SK 0512/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192052	1
23	SE-SK 0512/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192053	1
24	SE-SK 0512/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192054	1
25	SE-SK 0512/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192055	1
26	SE-SK 0512/11 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192231	1
27	SE-SK 0512/12 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192232	1
28	SE-SK 0512/13 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192233	1
29	SE-SK 0512/14 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192234	1
30	SE-SK 0512/15 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192235	1
31	SE-SK 0513/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 0.3m long, with MIL5015 Receptacle (M) to Free End	006/192056	1
32	SE-SK 0513/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 0.5m long, with MIL5015 Receptacle (M) to Free End	006/192057	1
33	SE-SK 0513/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 1.0m long, with MIL5015 Receptacle (M) to Free End	006/192058	1
34	SE-SK 0513/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 1.5m long, with MIL5015 Receptacle (M) to Free End	006/192059	1
35	SE-SK 0513/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 2.0m long, with MIL5015 Receptacle (M) to Free End	006/192060	1
36	SE-SK 0513/11 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.3m long, with MIL5015 Receptacle (M) to Free End	006/192236	1

Manufacturer:
Ilecsys Rail Limited

Issue : 2
Valid From : 17/06/2019

**Table 2 – MCB-OD – Appendix D1
Panel Mounted Receptacles**

Ref	Network Rail Part No.	Description	PADS No.	Cert issue
37	SE-SK 0513/12 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.5m long, with MIL5015 Receptacle (M) to Free End	006/192237	1
38	SE-SK 0513/13 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.0m long, with MIL5015 Receptacle (M) to Free End	006/192238	1
39	SE-SK 0513/14 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.5m long, with MIL5015 Receptacle (M) to Free End	006/192239	1
40	SE-SK 0513/15 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 2.0m long, with MIL5015 Receptacle (M) to Free End	006/192240	1
41	SE-SK 0517/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire Black BS6231 Type CK 2.5mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192071	1
42	SE-SK 0517/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire Black BS6231 Type CK 2.5mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192072	1
43	SE-SK 0517/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire Black BS6231 Type CK 2.5mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192073	1
44	SE-SK 0517/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire Black BS6231 Type CK 2.5mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192074	1
45	SE-SK 0517/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire Black BS6231 Type CK 2.5mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192075	1
46	SE-SK 0517/11 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192251	1
47	SE-SK 0517/12 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192252	1
48	SE-SK 0517/13 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192253	1
49	SE-SK 0517/14 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192254	1
50	SE-SK 0517/15 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192255	1
51	SE-SK 0527/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire Black BS6231 Type CK 2.5mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192111	1
52	SE-SK 0527/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire Black BS6231 Type CK 2.5mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192112	1

Manufacturer:
Ilecsys Rail Limited

Issue : 2
Valid From : 17/06/2019

**Table 2 – MCB-OD – Appendix D1
Panel Mounted Receptacles**

Ref	Network Rail Part No.	Description	PADS No.	Cert issue
53	SE-SK 0527/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire Black BS6231 Type CK 2.5mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192113	1
54	SE-SK 0527/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire Black BS6231 Type CK 2.5mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192114	1
55	SE-SK 0527/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire Black BS6231 Type CK 2.5mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192115	1
56	SE-SK 0527/11 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192291	1
57	SE-SK 0527/12 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192292	1
58	SE-SK 0527/13 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192293	1
59	SE-SK 0527/14 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192294	1
60	SE-SK 0527/15 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192295	1
61	SE-SK 0532/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 16 Wire Black BS6231 Type CK 2.5mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192131	1
62	SE-SK 0532/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 16 Wire Black BS6231 Type CK 2.5mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192132	1
63	SE-SK 0532/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 16 Wire Black BS6231 Type CK 2.5mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192133	1
64	SE-SK 0532/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 16 Wire Black BS6231 Type CK 2.5mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192134	1
65	SE-SK 0532/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 16 Wire Black BS6231 Type CK 2.5mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192135	1
66	SE-SK 0532/11 Rev B	NR P&P, Rear Panel Mounted Receptacle, 16 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192311	1
67	SE-SK 0532/12 Rev B	NR P&P, Rear Panel Mounted Receptacle, 16 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192312	1

Manufacturer:
Ilecsys Rail Limited

Issue : 2
Valid From : 17/06/2019

Table 2 – MCB-OD – Appendix D1 Panel Mounted Receptacles				
Ref	Network Rail Part No.	Description	PADS No.	Cert issue
68	SE-SK 0532/13 Rev B	NR P&P, Rear Panel Mounted Receptacle, 16 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192313	1
69	SE-SK 0532/14 Rev B	NR P&P, Rear Panel Mounted Receptacle, 16 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192314	1
70	SE-SK 0532/15 Rev B	NR P&P, Rear Panel Mounted Receptacle, 16 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192315	1

**Table 3 Panel Mounted Receptacles
Plug & Play Guidance Note 7 Appendix E1 – Signals & Indicators**

Table 3 – Signals & Indicators – Appendix E1 Panel Mounted Receptacles				
Ref	Network Rail Part No.	Description	PADS No.	Cert issue
1	SE-SK 0502/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 Type CK 2.5mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192011	1
2	SE-SK 0502/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 Type CK 2.5mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192012	1
3	SE-SK 0502/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 Type CK 2.5mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192013	1
4	SE-SK 0502/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 Type CK 2.5mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192014	1
5	SE-SK 0502/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 Type CK 2.5mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192015	1
6	SE-SK 0502/11 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192191	1
7	SE-SK 0502/12 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192192	1
8	SE-SK 0502/13 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192193	1
9	SE-SK 0502/14 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192194	1

Manufacturer:
Ilecsys Rail Limited

Issue : 2
Valid From : 17/06/2019

**Table 3 – Signals & Indicators – Appendix E1
Panel Mounted Receptacles**

Ref	Network Rail Part No.	Description	PADS No.	Cert issue
10	SE-SK 0502/15 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192195	1
11	SE-SK 0512/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192051	1
12	SE-SK 0512/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192052	1
13	SE-SK 0512/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192053	1
14	SE-SK 0512/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192054	1
15	SE-SK 0512/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192055	1
16	SE-SK 0512/11 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192231	1
17	SE-SK 0512/12 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192232	1
18	SE-SK 0512/13 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192233	1
19	SE-SK 0512/14 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192234	1
20	SE-SK 0512/15 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192235	1
21	SE-SK 0517/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire Black BS6231 Type CK 2.5mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192071	1
22	SE-SK 0517/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire Black BS6231 Type CK 2.5mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192072	1
23	SE-SK 0517/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire Black BS6231 Type CK 2.5mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192073	1
24	SE-SK 0517/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire Black BS6231 Type CK 2.5mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192074	1
25	SE-SK 0517/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire Black BS6231 Type CK 2.5mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192075	1
26	SE-SK 0517/11 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192251	1
27	SE-SK 0517/12 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192252	1

Manufacturer:
Ilecsys Rail Limited

Issue : 2
Valid From : 17/06/2019

**Table 3 – Signals & Indicators – Appendix E1
Panel Mounted Receptacles**

Ref	Network Rail Part No.	Description	PADS No.	Cert issue
28	SE-SK 0517/13 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192253	1
29	SE-SK 0517/14 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192254	1
30	SE-SK 0517/15 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192255	1
31	SE-SK 0522/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 10 Wire Black BS6231 Type CK 2.5mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192091	1
32	SE-SK 0522/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 10 Wire Black BS6231 Type CK 2.5mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192092	1
33	SE-SK 0522/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 10 Wire Black BS6231 Type CK 2.5mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192093	1
34	SE-SK 0522/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 10 Wire Black BS6231 Type CK 2.5mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192094	1
35	SE-SK 0522/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 10 Wire Black BS6231 Type CK 2.5mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192095	1
36	SE-SK 0522/11 Rev B	NR P&P, Rear Panel Mounted Receptacle, 10 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192271	1
37	SE-SK 0522/12 Rev B	NR P&P, Rear Panel Mounted Receptacle, 10 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192272	1
38	SE-SK 0522/13 Rev B	NR P&P, Rear Panel Mounted Receptacle, 10 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192273	1
39	SE-SK 0522/14 Rev B	NR P&P, Rear Panel Mounted Receptacle, 10 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192274	1
40	SE-SK 0522/15 Rev B	NR P&P, Rear Panel Mounted Receptacle, 10 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192275	1
41	SE-SK 0527/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire Black BS6231 Type CK 2.5mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192111	1
42	SE-SK 0527/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire Black BS6231 Type CK 2.5mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192112	1

Manufacturer:
Ilecsys Rail Limited

Issue : 2
Valid From : 17/06/2019

**Table 3 – Signals & Indicators – Appendix E1
Panel Mounted Receptacles**

Ref	Network Rail Part No.	Description	PADS No.	Cert issue
43	SE-SK 0527/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire Black BS6231 Type CK 2.5mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192113	1
44	SE-SK 0527/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire Black BS6231 Type CK 2.5mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192114	1
45	SE-SK 0527/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire Black BS6231 Type CK 2.5mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192115	1
46	SE-SK 0527/11 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192291	1
47	SE-SK 0527/12 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192292	1
48	SE-SK 0527/13 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192293	1
49	SE-SK 0527/14 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192294	1
50	SE-SK 0527/15 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192295	1

Manufacturer:
Ilceys Rail Limited

Issue : 2
Valid From : 17/06/2019

**Table 4 Panel Mounted Receptacles
Plug & Play Guidance Note 7
Appendix E2 – Signals & Indicators**

Table 4 – Signals & Indicators – Appendix E2 Panel Mounted Receptacles				
Ref	Network Rail Part No.	Description	PADS No.	Cert issue
1	SE-SK 0512/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192051	1
2	SE-SK 0512/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192052	1
3	SE-SK 0512/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192053	1
4	SE-SK 0512/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192054	1
5	SE-SK 0512/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192055	1
6	SE-SK 0512/11 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192231	1
7	SE-SK 0512/12 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192232	1
8	SE-SK 0512/13 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192233	1
9	SE-SK 0512/14 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192234	1
10	SE-SK 0512/15 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192235	1
11	SE-SK 0517/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire Black BS6231 Type CK 2.5mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192071	1
12	SE-SK 0517/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire Black BS6231 Type CK 2.5mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192072	1
13	SE-SK 0517/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire Black BS6231 Type CK 2.5mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192073	1
14	SE-SK 0517/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire Black BS6231 Type CK 2.5mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192074	1
15	SE-SK 0517/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire Black BS6231 Type CK 2.5mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192075	1
16	SE-SK 0517/11 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192251	1
17	SE-SK 0517/12 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192252	1

Manufacturer:
Ilecsys Rail Limited

Issue : 2
Valid From : 17/06/2019

**Table 4 – Signals & Indicators – Appendix E2
Panel Mounted Receptacles**

Ref	Network Rail Part No.	Description	PADS No.	Cert issue
18	SE-SK 0517/13 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192253	1
19	SE-SK 0517/14 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192254	1
20	SE-SK 0517/15 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192255	1
21	SE-SK 0527/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire Black BS6231 Type CK 2.5mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192111	1
22	SE-SK 0527/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire Black BS6231 Type CK 2.5mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192112	1
23	SE-SK 0527/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire Black BS6231 Type CK 2.5mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192113	1
24	SE-SK 0527/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire Black BS6231 Type CK 2.5mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192114	1
25	SE-SK 0527/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire Black BS6231 Type CK 2.5mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192115	1
26	SE-SK 0527/11 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192291	1
27	SE-SK 0527/12 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192292	1
28	SE-SK 0527/13 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192293	1
29	SE-SK 0527/14 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192294	1
30	SE-SK 0527/15 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192295	1

Manufacturer:
Ilecsys Rail Limited

Issue : 2
Valid From : 17/06/2019

**Table 5 Panel Mounted Receptacles
Plug & Play Guidance Note 7
Appendix E3 – Signals & Indicators**

Tables 5 – Signals & Indicators – Appendix E3 Panel Mounted Receptacles				
Ref	Network Rail Part No.	Description	PADS No.	Cert issue
1	SE-SK 0502/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 Type CK 2.5mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192011	1
2	SE-SK 0502/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 Type CK 2.5mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192012	1
3	SE-SK 0502/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 Type CK 2.5mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192013	1
4	SE-SK 0502/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 Type CK 2.5mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192014	1
5	SE-SK 0502/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 Type CK 2.5mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192015	1
6	SE-SK 0502/11 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192191	1
7	SE-SK 0502/12 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192192	1
8	SE-SK 0502/13 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192193	1
9	SE-SK 0502/14 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192194	1
10	SE-SK 0502/15 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192195	1
11	SE-SK 0512/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192051	1
12	SE-SK 0512/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192052	1
13	SE-SK 0512/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192053	1
14	SE-SK 0512/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192054	1
15	SE-SK 0512/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192055	1
16	SE-SK 0512/11 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192231	1
17	SE-SK 0512/12 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192232	1

Manufacturer:
Ilecsys Rail Limited

Issue : 2
Valid From : 17/06/2019

**Tables 5 – Signals & Indicators – Appendix E3
Panel Mounted Receptacles**

Ref	Network Rail Part No.	Description	PADS No.	Cert issue
18	SE-SK 0512/13 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192233	1
19	SE-SK 0512/14 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192234	1
20	SE-SK 0512/15 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192235	1
21	SE-SK 0517/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire Black BS6231 Type CK 2.5mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192071	1
22	SE-SK 0517/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire Black BS6231 Type CK 2.5mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192072	1
23	SE-SK 0517/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire Black BS6231 Type CK 2.5mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192073	1
24	SE-SK 0517/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire Black BS6231 Type CK 2.5mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192074	1
25	SE-SK 0517/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire Black BS6231 Type CK 2.5mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192075	1
26	SE-SK 0517/11 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192251	1
27	SE-SK 0517/12 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192252	1
28	SE-SK 0517/13 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192253	1
29	SE-SK 0517/14 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192254	1
30	SE-SK 0517/15 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192255	1

Manufacturer:
Ilceys Rail Limited

Issue : 2
Valid From : 17/06/2019

**Table 6 Panel Mounted Plugs & Receptacles
Plug & Play Guidance Note 7
Appendix F1 – Train Protection & Warning Systems**

Table 6 – Train Protection & Warning Systems – Appendix F1 Panel Mounted Plugs & Receptacles				
Ref	Network Rail Part No.	Description	PADS No.	Cert issue
1	SE-SK 0502/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 Type CK 2.5mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192011	1
2	SE-SK 0502/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 Type CK 2.5mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192012	1
3	SE-SK 0502/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 Type CK 2.5mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192013	1
4	SE-SK 0502/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 Type CK 2.5mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192014	1
5	SE-SK 0502/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 Type CK 2.5mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192015	1
6	SE-SK 0502/11 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192191	1
7	SE-SK 0502/12 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192192	1
8	SE-SK 0502/13 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192193	1
9	SE-SK 0502/14 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192194	1
10	SE-SK 0502/15 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192195	1
11	SE-SK 0505/01 Rev C	NR P&P, Front Panel Mounted Plug, 3 Wire Blue, White, Screen A4 2.5mmsq 0.3m long, with MIL5015 Plug (F) to Free End	006/192021	1
12	SE-SK 0505/11 Rev C	NR P&P, Front Panel Mounted Plug, 3 Wire Blue, White, Screen A4 0.75mmsq 0.3m long, with MIL5015 Plug (F) to Free End	006/192201	1
13	SE-SK 0507/01 Rev C	NR P&P, Rear Panel Mounted Receptacle, 3 Wire Blue, White, Screen A4 2.5mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192031	1
14	SE-SK 0507/11 Rev C	NR P&P, Rear Panel Mounted Receptacle, 3 Wire Blue, White, Screen A4 0.75mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192211	1
15	SE-SK 0557/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 Type CK 2.5mmsq 0.3m long, with MIL5015 Receptacle (F) with Size 8 Contacts to Free End	006/192171	1
16	SE-SK 0557/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 Type CK 2.5mmsq 0.5m long, with MIL5015 Receptacle (F) with Size 8 Contacts to Free End	006/192172	1

Manufacturer:
Ilecsys Rail Limited

Issue : 2
Valid From : 17/06/2019

**Table 6 – Train Protection & Warning Systems – Appendix F1
Panel Mounted Plugs & Receptacles**

Ref	Network Rail Part No.	Description	PADS No.	Cert issue
17	SE-SK 0557/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 Type CK 2.5mmsq 1.0m long, with MIL5015 Receptacle (F) with Size 8 Contacts to Free End	006/192173	1
18	SE-SK 0557/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 Type CK 2.5mmsq 1.5m long, with MIL5015 Receptacle (F) with Size 8 Contacts to Free End	006/192174	1
19	SE-SK 0557/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 Type CK 2.5mmsq 2.0m long, with MIL5015 Receptacle (F) with Size 8 Contacts to Free End	006/192175	1
20	SE-SK 1208/02 Rev A or later	NR P&P, Front Panel Mounted Plug, A4 2+s Cable 2.5sqmm Blue White Screen 0.5m long, with MIL5015 Plug (F) to Free End	006/192022	1
21	SE-SK 1208/03 Rev A or later	NR P&P, Front Panel Mounted Plug, A4 2+s Cable 2.5sqmm Blue White Screen 1.0m long, with MIL5015 Plug (F) to Free End	006/192023	1
22	SE-SK 1208/04 Rev A or later	NR P&P, Front Panel Mounted Plug, A4 2+s Cable 2.5sqmm Blue White Screen 1.5m long, with MIL5015 Plug (F) to Free End	006/192024	1
23	SE-SK 1208/05 Rev A or later	NR P&P, Front Panel Mounted Plug, A4 2+s Cable 2.5sqmm Blue White Screen 2.0m long, with MIL5015 Plug (F) to Free End	006/192025	1
24	SE-SK 1208/12 Rev A or later	NR P&P, Front Panel Mounted Plug, A4 2+s Cable 0.75sqmm Blue White Screen 0.5m long, with MIL5015 Plug (F) to Free End	006/192202	1
25	SE-SK 1208/13 Rev A or later	NR P&P, Front Panel Mounted Plug, A4 2+s Cable 0.75sqmm Blue White Screen 1.0m long, with MIL5015 Plug (F) to Free End	006/192203	1
26	SE-SK 1208/14 Rev A or later	NR P&P, Front Panel Mounted Plug, A4 2+s Cable 0.75sqmm Blue White Screen 1.5m long, with MIL5015 Plug (F) to Free End	006/192204	1
27	SE-SK 1208/15 Rev A or later	NR P&P, Front Panel Mounted Plug, A4 2+s Cable 0.75sqmm Blue White Screen 2.0m long, with MIL5015 Plug (F) to Free End	006/192205	1
28	SE-SK 1210/02 Rev A	NR P&P, Rear Panel Mounted Receptacle, A4 2+s Cable 2.5mmsq 0.5m long, with MIL5015 Receptacle (F) to Free Ends	006/192565	1
29	SE-SK 1210/03 Rev A	NR P&P, Rear Panel Mounted Receptacle, A4 2+s Cable 2.5mmsq 1.0m long, with MIL5015 Receptacle (F) to Free Ends	006/192566	1
30	SE-SK 1210/04 Rev A	NR P&P, Rear Panel Mounted Receptacle, A4 2+s Cable 2.5mmsq 1.5m long, with MIL5015 Receptacle (F) to Free Ends	006/192567	1
31	SE-SK 1210/05 Rev A	NR P&P, Rear Panel Mounted Receptacle, A4 2+s Cable 2.5mmsq 2.0m long, with MIL5015 Receptacle (F) to Free Ends	006/192568	1
32	SE-SK 1210/12 Rev A	NR P&P, Rear Panel Mounted Receptacle, A4 2+s Cable 0.75mmsq 0.5m long, with MIL5015 Receptacle (F) to Free Ends	006/192549	1
33	SE-SK 1210/13 Rev A	NR P&P, Rear Panel Mounted Receptacle, A4 2+s Cable 0.75mmsq 1.0m long, with MIL5015 Receptacle (F) to Free Ends	006/192550	1
34	SE-SK 1210/14 Rev A	NR P&P, Rear Panel Mounted Receptacle, A4 2+s Cable 0.75mmsq 1.5m long, with MIL5015 Receptacle (F) to Free Ends	006/192551	1
35	SE-SK 1210/15 Rev A	NR P&P, Rear Panel Mounted Receptacle, A4 2+s Cable 0.75mmsq 2.0m long, with MIL5015 Receptacle (F) to Free Ends	006/192552	1

Manufacturer:
Ilecsys Rail Limited

Issue : 2
Valid From : 17/06/2019

**Table 7 Panel Mounted Receptacles
Plug & Play Guidance Note 7
Appendix G1 – Point Operating Equipment IBCL & HyDrive <50m from Loc**

Table 7 – POE IBCL & Hydrive <50m from Loc – Appendix G1 Panel Mounted Receptacles				
Ref	Network Rail Part No.	Description	PADS No.	Cert issue
1	SE-SK 0512/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192051	1
2	SE-SK 0512/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192052	1
3	SE-SK 0512/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192053	1
4	SE-SK 0512/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192054	1
5	SE-SK 0512/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192055	1
6	SE-SK 0512/11 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192231	1
7	SE-SK 0512/12 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192232	1
8	SE-SK 0512/13 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192233	1
9	SE-SK 0512/14 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192234	1
10	SE-SK 0512/15 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192235	1
11	SE-SK 0513/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 0.3m long, with MIL5015 Receptacle (M) to Free End	006/192056	1
12	SE-SK 0513/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 0.5m long, with MIL5015 Receptacle (M) to Free End	006/192057	1
13	SE-SK 0513/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 1.0m long, with MIL5015 Receptacle (M) to Free End	006/192058	1
14	SE-SK 0513/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 1.5m long, with MIL5015 Receptacle (M) to Free End	006/192059	1
15	SE-SK 0513/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 2.0m long, with MIL5015 Receptacle (M) to Free End	006/192060	1
16	SE-SK 0513/11 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.3m long, with MIL5015 Receptacle (M) to Free End	006/192236	1
17	SE-SK 0513/12 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.5m long, with MIL5015 Receptacle (M) to Free End	006/192237	1

Manufacturer:
Ilecsys Rail Limited

Issue : 2
Valid From : 17/06/2019

**Table 7 – POE IBCL & Hydrive <50m from Loc – Appendix G1
Panel Mounted Receptacles**

Ref	Network Rail Part No.	Description	PADS No.	Cert issue
18	SE-SK 0513/13 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.0m long, with MIL5015 Receptacle (M) to Free End	006/192238	1
19	SE-SK 0513/14 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.5m long, with MIL5015 Receptacle (M) to Free End	006/192239	1
20	SE-SK 0513/15 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 2.0m long, with MIL5015 Receptacle (M) to Free End	006/192240	1
21	SE-SK 0527/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire Black BS6231 Type CK 2.5mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192111	1
22	SE-SK 0527/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire Black BS6231 Type CK 2.5mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192112	1
23	SE-SK 0527/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire Black BS6231 Type CK 2.5mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192113	1
24	SE-SK 0527/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire Black BS6231 Type CK 2.5mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192114	1
25	SE-SK 0527/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire Black BS6231 Type CK 2.5mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192115	1
26	SE-SK 0527/11 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192291	1
27	SE-SK 0527/12 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192292	1
28	SE-SK 0527/13 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192293	1
29	SE-SK 0527/14 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192294	1
30	SE-SK 0527/15 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192295	1

Manufacturer:
Ilceys Rail Limited

Issue : 2
Valid From : 17/06/2019

**Table 8 Panel Mounted Receptacles
Plug & Play Guidance Note 7
Appendix G2 – Point Operating Equipment HyDrive >50m from Loc**

Table 8 – POE Hydrive > 50m from Loc – Appendix G2 Panel Mounted Receptacles				
Ref	Network Rail Part No.	Description	PADS No.	Cert issue
1	SE-SK 0512/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192051	1
2	SE-SK 0512/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192052	1
3	SE-SK 0512/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192053	1
4	SE-SK 0512/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192054	1
5	SE-SK 0512/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192055	1
6	SE-SK 0512/11 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192231	1
7	SE-SK 0512/12 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192232	1
8	SE-SK 0512/13 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192233	1
9	SE-SK 0512/14 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192234	1
10	SE-SK 0512/15 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192235	1
11	SE-SK 0513/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 0.3m long, with MIL5015 Receptacle (M) to Free End	006/192056	1
12	SE-SK 0513/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 0.5m long, with MIL5015 Receptacle (M) to Free End	006/192057	1
13	SE-SK 0513/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 1.0m long, with MIL5015 Receptacle (M) to Free End	006/192058	1
14	SE-SK 0513/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 1.5m long, with MIL5015 Receptacle (M) to Free End	006/192059	1
15	SE-SK 0513/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 2.0m long, with MIL5015 Receptacle (M) to Free End	006/192060	1
16	SE-SK 0513/11 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.3m long, with MIL5015 Receptacle (M) to Free End	006/192236	1
17	SE-SK 0513/12 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.5m long, with MIL5015 Receptacle (M) to Free End	006/192237	1

Manufacturer:
Ilecsys Rail Limited

Issue : 2
Valid From : 17/06/2019

**Table 8 – POE Hydrive > 50m from Loc – Appendix G2
Panel Mounted Receptacles**

Ref	Network Rail Part No.	Description	PADS No.	Cert issue
18	SE-SK 0513/13 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.0m long, with MIL5015 Receptacle (M) to Free End	006/192238	1
19	SE-SK 0513/14 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.5m long, with MIL5015 Receptacle (M) to Free End	006/192239	1
20	SE-SK 0513/15 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 2.0m long, with MIL5015 Receptacle (M) to Free End	006/192240	1
21	SE-SK 0527/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire Black BS6231 Type CK 2.5mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192111	1
22	SE-SK 0527/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire Black BS6231 Type CK 2.5mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192112	1
23	SE-SK 0527/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire Black BS6231 Type CK 2.5mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192113	1
24	SE-SK 0527/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire Black BS6231 Type CK 2.5mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192114	1
25	SE-SK 0527/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire Black BS6231 Type CK 2.5mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192115	1
26	SE-SK 0527/11 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192291	1
27	SE-SK 0527/12 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192292	1
28	SE-SK 0527/13 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192293	1
29	SE-SK 0527/14 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192294	1
30	SE-SK 0527/15 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192295	1
31	SE-SK 0557/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 Type CK 2.5mmsq 0.3m long, with MIL5015 Receptacle (F) with Size 8 Contacts to Free End	006/192171	1
32	SE-SK 0557/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 Type CK 2.5mmsq 0.5m long, with MIL5015 Receptacle (F) with Size 8 Contacts to Free End	006/192172	1

Manufacturer:
Ilecsys Rail Limited

Issue : 2
Valid From : 17/06/2019

Table 8 – POE Hydrive > 50m from Loc – Appendix G2 Panel Mounted Receptacles				
Ref	Network Rail Part No.	Description	PADS No.	Cert issue
33	SE-SK 0557/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 Type CK 2.5mmsq 1.0m long, with MIL5015 Receptacle (F) with Size 8 Contacts to Free End	006/192173	1
34	SE-SK 0557/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 Type CK 2.5mmsq 1.5m long, with MIL5015 Receptacle (F) with Size 8 Contacts to Free End	006/192174	1
35	SE-SK 0557/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 Type CK 2.5mmsq 2.0m long, with MIL5015 Receptacle (F) with Size 8 Contacts to Free End	006/192175	1

**Table 9 Panel Mounted Receptacles
Plug & Play Guidance Note 7
Appendix G3 – Point Operating Equipment**

Table 9 – Point Operating Equipment – Appendix G3 Panel Mounted Receptacles				
Ref	Network Rail Part No.	Description	PADS No.	Cert issue
1	SE-SK 0512/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192051	1
2	SE-SK 0512/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192052	1
3	SE-SK 0512/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192053	1
4	SE-SK 0512/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192054	1
5	SE-SK 0512/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192055	1
6	SE-SK 0512/11 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192231	1
7	SE-SK 0512/12 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192232	1
8	SE-SK 0512/13 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192233	1

Manufacturer:
Ilecsys Rail Limited

Issue : 2
Valid From : 17/06/2019

**Table 9 – Point Operating Equipment – Appendix G3
Panel Mounted Receptacles**

Ref	Network Rail Part No.	Description	PADS No.	Cert issue
9	SE-SK 0512/14 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192234	1
10	SE-SK 0512/15 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192235	1
11	SE-SK 0513/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 0.3m long, with MIL5015 Receptacle (M) to Free End	006/192056	1
12	SE-SK 0513/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 0.5m long, with MIL5015 Receptacle (M) to Free End	006/192057	1
13	SE-SK 0513/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 1.0m long, with MIL5015 Receptacle (M) to Free End	006/192058	1
14	SE-SK 0513/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 1.5m long, with MIL5015 Receptacle (M) to Free End	006/192059	1
15	SE-SK 0513/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire Black BS6231 Type CK 2.5mmsq 2.0m long, with MIL5015 Receptacle (M) to Free End	006/192060	1
16	SE-SK 0513/11 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.3m long, with MIL5015 Receptacle (M) to Free End	006/192236	1
17	SE-SK 0513/12 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.5m long, with MIL5015 Receptacle (M) to Free End	006/192237	1
18	SE-SK 0513/13 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.0m long, with MIL5015 Receptacle (M) to Free End	006/192238	1
19	SE-SK 0513/14 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.5m long, with MIL5015 Receptacle (M) to Free End	006/192239	1
20	SE-SK 0513/15 Rev B	NR P&P, Rear Panel Mounted Receptacle, 4 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 2.0m long, with MIL5015 Receptacle (M) to Free End	006/192240	1
21	SE-SK 0517/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire Black BS6231 Type CK 2.5mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192071	1
22	SE-SK 0517/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire Black BS6231 Type CK 2.5mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192072	1
23	SE-SK 0517/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire Black BS6231 Type CK 2.5mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192073	1
24	SE-SK 0517/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire Black BS6231 Type CK 2.5mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192074	1
25	SE-SK 0517/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire Black BS6231 Type CK 2.5mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192075	1
26	SE-SK 0517/11 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192251	1

Manufacturer:
Ileccys Rail Limited

Issue : 2
Valid From : 17/06/2019

**Table 9 – Point Operating Equipment – Appendix G3
Panel Mounted Receptacles**

Ref	Network Rail Part No.	Description	PADS No.	Cert issue
27	SE-SK 0517/12 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192252	1
28	SE-SK 0517/13 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192253	1
29	SE-SK 0517/14 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192254	1
30	SE-SK 0517/15 Rev B	NR P&P, Rear Panel Mounted Receptacle, 7 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192255	1
31	SE-SK 0522/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 10 Wire Black BS6231 Type CK 2.5mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192091	1
32	SE-SK 0522/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 10 Wire Black BS6231 Type CK 2.5mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192092	1
33	SE-SK 0522/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 10 Wire Black BS6231 Type CK 2.5mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192093	1
34	SE-SK 0522/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 10 Wire Black BS6231 Type CK 2.5mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192094	1
35	SE-SK 0522/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 10 Wire Black BS6231 Type CK 2.5mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192095	1
36	SE-SK 0522/11 Rev B	NR P&P, Rear Panel Mounted Receptacle, 10 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192271	1
37	SE-SK 0522/12 Rev B	NR P&P, Rear Panel Mounted Receptacle, 10 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192272	1
38	SE-SK 0522/13 Rev B	NR P&P, Rear Panel Mounted Receptacle, 10 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192273	1
39	SE-SK 0522/14 Rev B	NR P&P, Rear Panel Mounted Receptacle, 10 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192274	1
40	SE-SK 0522/15 Rev B	NR P&P, Rear Panel Mounted Receptacle, 10 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192275	1

Manufacturer:
Ilceys Rail Limited

Issue : 2
Valid From : 17/06/2019

**Table 10 Panel Mounted Receptacles
Plug & Play Guidance Note 7
Appendix H1 – Train Detection**

Table 10 – Train Detection – Appendix H1 Panel Mounted Receptacles				
Ref	Network Rail Part No.	Description	PADS No.	Cert issue
1	SE-SK 1134/01 Rev B	NR P&P, Front Panel Mounted Receptacle, 4 Wire Blue & Yellow DEF STAN 61-12 Pt6 Type 3 1.0mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192451	1
2	SE-SK 1134/02 Rev B	NR P&P, Front Panel Mounted Receptacle, 4 Wire Blue & Yellow DEF STAN 61-12 Pt6 Type 3 1.0mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192452	1
3	SE-SK 1134/03 Rev B	NR P&P, Front Panel Mounted Receptacle, 4 Wire Blue & Yellow DEF STAN 61-12 Pt6 Type 3 1.0mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192453	1
4	SE-SK 1134/04 Rev B	NR P&P, Front Panel Mounted Receptacle, 4 Wire Blue & Yellow DEF STAN 61-12 Pt6 Type 3 1.0mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192454	1
5	SE-SK 1134/05 Rev B	NR P&P, Front Panel Mounted Receptacle, 4 Wire Blue & Yellow DEF STAN 61-12 Pt6 Type 3 1.0mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192455	1

**Table 11 Panel Mounted Receptacles
Plug & Play Guidance Note 7
Appendix J1 – Lineside Cabling**

Table 11 – Lineside Cabling – Appendix J1 Panel Mounted Receptacles				
Ref	Network Rail Part No.	Description	PADS No.	Cert issue
1	SE-SK 0502/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 Type CK 2.5mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192011	1
2	SE-SK 0502/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 Type CK 2.5mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192012	1
3	SE-SK 0502/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 Type CK 2.5mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192013	1
4	SE-SK 0502/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 Type CK 2.5mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192014	1
5	SE-SK 0502/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 Type CK 2.5mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192015	1
6	SE-SK 0502/11 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192191	1

Manufacturer:
Ilecsys Rail Limited

Issue : 2
Valid From : 17/06/2019

**Table 11 – Lineside Cabling – Appendix J1
Panel Mounted Receptacles**

Ref	Network Rail Part No.	Description	PADS No.	Cert issue
7	SE-SK 0502/12 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192192	1
8	SE-SK 0502/13 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192193	1
9	SE-SK 0502/14 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192194	1
10	SE-SK 0502/15 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192195	1
11	SE-SK 0527/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire Black BS6231 Type CK 2.5mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192111	1
12	SE-SK 0527/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire Black BS6231 Type CK 2.5mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192112	1
13	SE-SK 0527/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire Black BS6231 Type CK 2.5mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192113	1
14	SE-SK 0527/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire Black BS6231 Type CK 2.5mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192114	1
15	SE-SK 0527/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire Black BS6231 Type CK 2.5mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192115	1
16	SE-SK 0527/11 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192291	1
17	SE-SK 0527/12 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192292	1
18	SE-SK 0527/13 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192293	1
19	SE-SK 0527/14 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192294	1
20	SE-SK 0527/15 Rev B	NR P&P, Rear Panel Mounted Receptacle, 12 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192295	1
21	SE-SK 0537/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 19 Wire Black BS6231 Type CK 2.5mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192151	1

Manufacturer:
Ilecsys Rail Limited

Issue : 2
Valid From : 17/06/2019

**Table 11 – Lineside Cabling – Appendix J1
Panel Mounted Receptacles**

Ref	Network Rail Part No.	Description	PADS No.	Cert issue
22	SE-SK 0537/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 19 Wire Black BS6231 Type CK 2.5mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192152	1
23	SE-SK 0537/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 19 Wire Black BS6231 Type CK 2.5mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192153	1
24	SE-SK 0537/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 19 Wire Black BS6231 Type CK 2.5mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192154	1
25	SE-SK 0537/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 19 Wire Black BS6231 Type CK 2.5mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192155	1
26	SE-SK 0537/11 Rev B	NR P&P, Rear Panel Mounted Receptacle, 19 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192331	1
27	SE-SK 0537/12 Rev B	NR P&P, Rear Panel Mounted Receptacle, 19 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192332	1
28	SE-SK 0537/13 Rev B	NR P&P, Rear Panel Mounted Receptacle, 19 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192333	1
29	SE-SK 0537/14 Rev B	NR P&P, Rear Panel Mounted Receptacle, 19 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192334	1
30	SE-SK 0537/15 Rev B	NR P&P, Rear Panel Mounted Receptacle, 19 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192335	1
31	SE-SK 0542/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 27 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192351	1
32	SE-SK 0542/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 27 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192352	1
33	SE-SK 0542/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 27 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192353	1
34	SE-SK 0542/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 27 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192354	1
35	SE-SK 0542/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 27 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192355	1
36	SE-SK 0547/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 37 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192371	1

Manufacturer:
Ilecsys Rail Limited

Issue : 2
Valid From : 17/06/2019

**Table 11 – Lineside Cabling – Appendix J1
Panel Mounted Receptacles**

Ref	Network Rail Part No.	Description	PADS No.	Cert issue
37	SE-SK 0547/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 37 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192372	1
38	SE-SK 0547/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 37 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192373	1
39	SE-SK 0547/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 37 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192374	1
40	SE-SK 0547/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 37 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192375	1
41	SE-SK 0552/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 48 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192391	1
42	SE-SK 0552/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 48 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192392	1
43	SE-SK 0552/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 48 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192393	1
44	SE-SK 0552/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 48 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192394	1
45	SE-SK 0552/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 48 Wire White DEF STAN 61-12 Pt6 Type 3 0.75mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192395	1
46	SE-SK 0557/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 Type CK 2.5mmsq 0.3m long, with MIL5015 Receptacle (F) with Size 8 Contacts to Free End	006/192171	1
47	SE-SK 0557/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 Type CK 2.5mmsq 0.5m long, with MIL5015 Receptacle (F) with Size 8 Contacts to Free End	006/192172	1
48	SE-SK 0557/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 Type CK 2.5mmsq 1.0m long, with MIL5015 Receptacle (F) with Size 8 Contacts to Free End	006/192173	1
49	SE-SK 0557/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 Type CK 2.5mmsq 1.5m long, with MIL5015 Receptacle (F) with Size 8 Contacts to Free End	006/192174	1
50	SE-SK 0557/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 Type CK 2.5mmsq 2.0m long, with MIL5015 Receptacle (F) with Size 8 Contacts to Free End	006/192175	1
51	SE-SK 0968/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 CK, 2.5mmsq, 0.3m long, with MIL5015 Receptacle (F) to Free Ends	006/192571	1
52	SE-SK 0968/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 CK, 2.5mmsq, 0.5m long, with MIL5015 Receptacle (F) to Free Ends	006/192572	1

Manufacturer:
Ilecsys Rail Limited

Issue : 2
Valid From : 17/06/2019

**Table 11 – Lineside Cabling – Appendix J1
Panel Mounted Receptacles**

Ref	Network Rail Part No.	Description	PADS No.	Cert issue
53	SE-SK 0968/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 CK, 2.5mmsq, 1.0m long, with MIL5015 Receptacle (F) to Free Ends	006/192573	1
54	SE-SK 0968/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 CK, 2.5mmsq, 1.5m long, with MIL5015 Receptacle (F) to Free Ends	006/192574	1
55	SE-SK 0968/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 2 Wire Black BS6231 CK, 2.5mmsq, 2.0m long, with MIL5015 Receptacle (F) to Free Ends	006/192575	1

**Table 12 Panel Mounted Receptacles
Plug & Play Guidance Note 7
Appendix J2 – Lineside AzLM and Quad Cabling**

**Table 12 – Lineside AzLM and Quad Cabling
Panel Mounted Receptacles**

Ref	Network Rail Part No.	Description	PADS No.	Cert issue
1	SE-SK 0811/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 20 Wire (for 5 Quad) Blue & Yellow DEF STAN 61-12 Pt6 Type 3 1.0sqmm 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192551	1
2	SE-SK 0811/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 20 Wire (for 5 Quad) Blue & Yellow DEF STAN 61-12 Pt6 Type 3 1.0sqmm 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192552	1
3	SE-SK 0811/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 20 Wire (for 5 Quad) Blue & Yellow DEF STAN 61-12 Pt6 Type 3 1.0sqmm 1m long, with MIL5015 Receptacle (F) to Free End	006/192553	1
4	SE-SK 0811/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 20 Wire (for 5 Quad) Blue & Yellow DEF STAN 61-12 Pt6 Type 3 1.0sqmm 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192554	1
5	SE-SK 0811/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 20 Wire (for 5 Quad) Blue & Yellow DEF STAN 61-12 Pt6 Type 3 1.0sqmm 2m long, with MIL5015 Receptacle (F) to Free End	006/192555	1
6	SE-SK 0813/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 28 Wire (for 7 Quad) Black DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192511	1

Manufacturer:
Ileccys Rail Limited

Issue : 2
Valid From : 17/06/2019

Table 12 – Lineside AzLM and Quad Cabling Panel Mounted Receptacles

Ref	Network Rail Part No.	Description	PADS No.	Cert issue
7	SE-SK 0813/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 28 Wire (for 7 Quad) Black DEF STAN 61-12 Pt6 Type 3 0.75mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192512	1
8	SE-SK 0813/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 28 Wire (for 7 Quad) Black DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1m long, with MIL5015 Receptacle (F) to Free End	006/192513	1
9	SE-SK 0813/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 28 Wire (for 7 Quad) Black DEF STAN 61-12 Pt6 Type 3 0.75mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192514	1
10	SE-SK 0813/05 Rev B	NR P&P, Rear Panel Mounted Receptacle, 28 Wire (for 7 Quad) Black DEF STAN 61-12 Pt6 Type 3 0.75mmsq 2m long, with MIL5015 Receptacle (F) to Free End	006/192515	1
11	SE-SK 0815/01 Rev B	NR P&P, Rear Panel Mounted Receptacle, 40 Wire (for 10 Quad) Blue & Yellow DEF STAN 61-12 Pt6 Type 3 1.0sqmm 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192521	1
12	SE-SK 0815/02 Rev B	NR P&P, Rear Panel Mounted Receptacle, 40 Wire (for 10 Quad) Blue & Yellow DEF STAN 61-12 Pt6 Type 3 1.0sqmm 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192522	1
13	SE-SK 0815/03 Rev B	NR P&P, Rear Panel Mounted Receptacle, 40 Wire (for 10 Quad) Blue & Yellow DEF STAN 61-12 Pt6 Type 3 1.0sqmm 1m long, with MIL5015 Receptacle (F) to Free End	006/192523	1
14	SE-SK 0815/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 40 Wire (for 10 Quad) Blue & Yellow DEF STAN 61-12 Pt6 Type 3 1.0sqmm 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192524	1
15	SE-SK 0815/04 Rev B	NR P&P, Rear Panel Mounted Receptacle, 40 Wire (for 10 Quad) Blue & Yellow DEF STAN 61-12 Pt6 Type 3 1.0sqmm 2m long, with MIL5015 Receptacle (F) to Free End	006/192525	1
16	SE-SK 1097/01 Rev A	NR P&P, Front Panel Mounted Receptacle, 12 Wire Blue & Yellow DEF STAN 61-12 Pt6 Type 3 1.0mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192471	1
17	SE-SK 1097/02 Rev A	NR P&P, Front Panel Mounted Receptacle, 12 Wire Blue & Yellow DEF STAN 61-12 Pt6 Type 3 1.0mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192472	1
18	SE-SK 1097/03 Rev A	NR P&P, Front Panel Mounted Receptacle, 12 Wire Blue & Yellow DEF STAN 61-12 Pt6 Type 3 1.0mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192473	1
19	SE-SK 1097/04 Rev A	NR P&P, Front Panel Mounted Receptacle, 12 Wire Blue & Yellow DEF STAN 61-12 Pt6 Type 3 1.0mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192474	1
20	SE-SK 1097/05 Rev A	NR P&P, Front Panel Mounted Receptacle, 12 Wire Blue & Yellow DEF STAN 61-12 Pt6 Type 3 1.0mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192475	1
21	SE-SK 1134/01 Rev A	NR P&P, Front Panel Mounted Receptacle, 4 Wire Blue & Yellow DEF STAN 61-12 Pt6 Type 3 1.0mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192451	1

Manufacturer:
Ilecsys Rail Limited

Issue : 2
Valid From : 17/06/2019

Table 12 – Lineside AzLM and Quad Cabling Panel Mounted Receptacles

Ref	Network Rail Part No.	Description	PADS No.	Cert issue
22	SE-SK 1134/02 Rev A	NR P&P, Front Panel Mounted Receptacle, 4 Wire Blue & Yellow DEF STAN 61-12 Pt6 Type 3 1.0mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192452	1
23	SE-SK 1134/03 Rev A	NR P&P, Front Panel Mounted Receptacle, 4 Wire Blue & Yellow DEF STAN 61-12 Pt6 Type 3 1.0mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192453	1
24	SE-SK 1134/04 Rev A	NR P&P, Front Panel Mounted Receptacle, 4 Wire Blue & Yellow DEF STAN 61-12 Pt6 Type 3 1.0mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192454	1
25	SE-SK 1134/05 Rev A	NR P&P, Front Panel Mounted Receptacle, 4 Wire Blue & Yellow DEF STAN 61-12 Pt6 Type 3 1.0mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192455	1
21	SE-SK 1138/01 Rev A	NR P&P, Front Panel Mounted Receptacle, 20 Wire Blue & Yellow DEF STAN 61-12 Pt6 Type 3 1.0mmsq 0.3m long, with MIL5015 Receptacle (F) to Free End	006/192491	1
22	SE-SK 1138/02 Rev A	NR P&P, Front Panel Mounted Receptacle, 20 Wire Blue & Yellow DEF STAN 61-12 Pt6 Type 3 1.0mmsq 0.5m long, with MIL5015 Receptacle (F) to Free End	006/192492	1
23	SE-SK 1138/03 Rev A	NR P&P, Front Panel Mounted Receptacle, 20 Wire Blue & Yellow DEF STAN 61-12 Pt6 Type 3 1.0mmsq 1.0m long, with MIL5015 Receptacle (F) to Free End	006/192493	1
24	SE-SK 1138/04 Rev A	NR P&P, Front Panel Mounted Receptacle, 20 Wire Blue & Yellow DEF STAN 61-12 Pt6 Type 3 1.0mmsq 1.5m long, with MIL5015 Receptacle (F) to Free End	006/192494	1
25	SE-SK 1138/05 Rev A	NR P&P, Front Panel Mounted Receptacle, 20 Wire Blue & Yellow DEF STAN 61-12 Pt6 Type 3 1.0mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End	006/192495	1

Manufacturer:
Ilecsys Rail Limited

Issue : 2
Valid From : 17/06/2019

**Table 13 Panel Mounted Receptacles
TDEU System**

Table 13 – TDEU System Panel Mounted Receptacles				
Ref	Network Rail Part No.	Description	PADS No.	Cert issue
1	SE-SK 1138/05 Rev A	NR P&P, Front Panel Mounted Receptacle, 20 Wire Blue & Yellow DEF STAN 61-12 Pt6 Type 3 1.0mmsq 2.0m long, with MIL5015 Receptacle (F) to Free End		2

Assessed Documentation

Table A Network Rail Configuration Documents

Ref	Network Rail Reference	Title	Doc Date	Cert issue
All SE-SK Drawings are listed in Tables 1 - 13				1

Table B Network Rail Process Documents

Ref	Network Rail Reference	Doc. Rev.	Title	Doc Date	Cert issue
1	51897-PH7-GP4-FPS-001-Part-N4	1	Product Approval Compliance Report 3 (PACR) PA05/07026 – for Trial Release Version T1	30/12/2018	1
2	Network Rail Audit - 1849 - iLecsys Rail	-	Supplier Quality Assurance (SQA) Team Audit of Ilecsys Rail	25/01/2019	1

Certificate History

Issue	Date	Issue History
1	31/01/2019	First accepted for Trial use
2	17/06/2019	<ul style="list-style-type: none"> Additional Pre-Wired Plugs and Receptacles included to align with other Plug and Play certificates Addition of User, Contractor and Manufacturer Requirements Containment Device Parts moved to certificate PA05/06461 (TDEU Disconnection box and Coupler Interface Plate (CIP)).

Certificate of Acceptance

PA05/07026

Manufacturer:
Ilecsys Rail Limited

Issue : 2
Valid From : 17/06/2019

Contact Details

Manufacturer

Peter Dickson
Engineering Manager
Ilecsys Rail Ltd.
pjd@ilecsys.co.uk

Lead Reviewer

Max Natola
Engineer [CCS]
Network Rail
max.natola@networkrail.co.uk

Sponsor

Graham Coles
Construction Manager
Network Rail IP Signalling
Richard.merrills@networkrail.co.uk

Manufacturer:
Ileccys Rail Limited

Issue : 2
Valid From : 17/06/2019

General Terms & Conditions

1) General

- 1) This certificate can only be amended by Network Rail Technology Introduction Group. Any alterations made by a different person will invalidate the entire certificate.
- 2) Failure to abide by the requirements in this Certificate of Acceptance may invalidate the certificate, thereby restricting the right to operate the product and / or limiting the future supply and deployment of the product on the infrastructure.
- 3) Upon the review date this certificate and the product it relates to is invalid and not accepted for use. Manufacturers are to make an application for a review prior to the review date.

2) Manufacturer

The Manufacturer shall:

- 1) Ensure that all products supplied comply with the standards defined in the Acceptance Requirements or otherwise documented as part of the assessment, including meeting the reliability requirements included in the Acceptance Requirements and in any deed of warranty for the relevant certificate number.
- 2) Notify Network Rail Technology Introduction Group:
 - a. Within 48 hours, of any deficiencies affecting the quality, functionality or safety integrity of the product (including corrective action undertaken or proposed).
 - b. Of any intended change to the accepted product; changes include:
 - i. a change to the product configuration (to the actual product or its application);
 - ii. a variation to or addition of manufacturing locations or processes;
 - iii. a change in the name or ownership of the manufacturing company;
 - iv. any changes to the ability or intention to support with technical services, spares or repairs.
- 3) The Manufacturer shall provide Network Rail Technology Introduction Group at least 12 (twelve) months notice of its intention to discontinue supply or to provide such notice as is reasonable if such discontinuance is outside its control and will offer the opportunity of a Last Time Buy to Network Rail together with date for last order placement and supply of the parts affected. The introduction of proposed alternative products shall be communicated to the Network Rail Technology Introduction Group.
- 4) Provide further copies of operating and maintenance manuals to purchasers / users of the product as necessary (including certificates of conformance, calibration etc).
- 5) Provide further copies of training manuals and an appropriate level of training to purchasers or users of the product as necessary.
- 6) Where applicable, specialist technical support, repairs and servicing of the product shall be carried out by the Original Equipment Manufacturer (OEM) or authorised agent only.
- 7) Network Rail may request information from the manufacturer to prove product compliance with clauses 1 and 2 above and reserve the right to suspend and/or withdraw any application where information is not forthcoming within a reasonable timeframe.
- 8) In accordance with Network Rail's Quality Assurance Policy Statement 2011, where the specification and/or Product Acceptance Certificates specify quality assurance classifications (QA1 to QA5) for the products, the manufacturer shall comply with the specified level of quality assurance for each product and allow Network Rail access to carry out its quality assurance checks.
- 9) The manufacturer shall give Network Rail's representatives access at all reasonable times to its premises and allow them to inspect its quality systems and production methods and, if requested, to inspect, examine and test the products both during and after their manufacture and the materials being used in their manufacture.

3) Conditions of Use

Specifiers, installers, operators, maintainers, etc. using the product shall:

- 1) Comply with the certificate conditions. If a condition is not understood guidance must be sought from Network Rail Technology Introduction Group.
- 2) Check that the application of use complies with the relevant certificate's scope of acceptance.
- 3) Report any defect if it is a design or manufacturing fault likely to affect performance and/or the safe operation of the railway in writing to Network Rail Technology Introduction Group.
- 4) Inform Network Rail Technology Introduction Group in writing of a change to the product configuration (or to the actual product or its application).
- 5) Operate, maintain and service the product in accordance with Network Rail standards and Operation and Maintenance manuals as appropriate.
- 6) Be appropriately trained and authorised for the installation, maintenance and use of the product.
- 7) Only send products for repair or reconditioning to the Original Equipment Manufacturer (OEM) or authorised agent.
- 8) Users are to be aware that Product Acceptance is not a substitute for design approval.

4) Compliance

Railways and Other Guided Systems (ROGS) Regulations

- 1) Where the product is to be used in areas where Network Rail is not the Infrastructure Manager (e.g. leased stations), the sponsor shall additionally obtain formal consent from the Infrastructure Manager for the locality where the equipment is to be installed. This may include a requirement for additional safety verification. The decision of that Infrastructure Manager is binding, and cannot be overridden by Network Rail except by the escalation processes established in the ROGS regulations
- 2) As required in Railway Group Standard GE/RT8270, at each use of this product the project or group responsible for installation and commissioning shall be required to demonstrate compatibility with:
 - a. All rail vehicle types that have access rights over the area affected by the change
 - b. Infrastructure managed by others
 - c. Neighbours.

Manufacturer:
Illecsys Rail Limited

Issue : 2
Valid From : 17/06/2019

Railway Interoperability Regulations

- 3) For interoperable constituents of systems the project or group responsible for installation and commissioning shall be required to demonstrate compliance with the relevant Technical Specifications for Interoperability (TSI) where appropriate.
- 4) An authorisation from the national safety authority (i.e. the Railway Safety Directorate of the Office of Rail Regulation) is required before the equipment is to be used in revenue earning service.

5) Supply Chain Arrangements

- 1) Certificates of acceptance do not imply any particular quantity of supply nor any exclusivity of supply.
- 2) Products may be purchased by Network Rail or its agents, suppliers or contractors.
- 3) Manufacturers should note that it is not necessary to enter into any exclusive supply arrangements with resellers or other suppliers.

————— **END OF CERTIFICATE** —————