

CLAIMS

1. A termination assembly including
an elongate housing having at least one access port and an end adaptor on
5 each opposing end, said end adaptor including a tube adaptor or a moulded cable
end adaptor;
a terminal block having a plurality of terminals, said terminal block is
positionable within the elongate housing;
a sealing sleeve for covering the elongate housing; and
10 wherein the termination assembly is fillable with oil and forms part of a sealed
electrical cable when connected via the end adaptors to tube containing a wiring
loom and/or when connected to a moulded cable.
2. A termination assembly as claimed in claim 1, wherein said termination
15 assembly has at least one sealable opening for filling the termination assembly with
oil or for bleeding air from the termination assembly as the termination assembly is
being filled with oil.
3. A termination assembly as claimed in claim 1 or claim 2, wherein said
20 termination assembly has at least two opposed sealable openings for filling the
termination assembly with oil or for bleeding air from the termination assembly as the
termination assembly is being filled with oil.
4. A termination assembly as claimed in claim 2, wherein each of the at least
25 one sealable opening is sealable with a plug.
5. A termination assembly as claimed in claim 4, wherein at least one of the
plugs secures the sealing sleeve to the elongate housing.
- 30 6. A termination assembly as claimed in claim 4 or claim 5, wherein the plug is a
screw.

7. A termination assembly as claimed in any one of the preceding claims, wherein electrical conductors of the wiring loom are connected to the terminals on the terminal block when the terminal block is positioned in the elongate housing.
- 5 8. A termination assembly as claimed in claim 7, wherein the connected conductors pass out of one or more corresponding end adaptor.
9. A termination assembly as claimed in any one of the preceding claims, wherein the end adaptors are two tube adaptors.
- 10 10. A termination assembly as claimed in any one of claims 1 to 8, wherein the end adaptors are a moulded cable end adaptor and a tube adaptor.
11. A termination assembly as claimed in any one of the preceding claims, wherein one or both of the end adaptors are forked to enable a three or more way electrical cable assembly.
- 15 12. An electrical cable assembly including
a termination assembly as claimed in any one of claims 1 to 8;
20 a connection assembly including a first tube having a wiring loom, the first tube connectable to one of the end adaptors and a first tube connector assembly connected to the free end of the first tube to form a sealed oil-filled electrical cable.
13. An electrical cable assembly as claimed in claim 12, wherein the first tube connector assembly has a sealable opening for filling the termination assembly with oil or for bleeding air from the termination assembly as the termination assembly is being filled with oil.
- 25 14. An electrical cable assembly as claimed in claim 12 or claim 13, further
30 including a second tube having a wiring loom, the second tube connectable to the other of the end adaptors and a second tube connector assembly connected to the free end of the second tube.

15. An electrical cable assembly as claimed in claim 14, where the connector assembly has a sealable opening for filling the termination assembly with oil or for bleeding air from the termination assembly as the termination assembly is being filled with oil.

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16. An electrical cable assembly as claimed in claim 12 or claim 13, wherein the other of the end adaptors is connectable to a moulded cable.

17. An electrical cable assembly as claimed in claim 16, wherein the moulded
10 cable is a moulded rubber or a flexible plastic coated cable.

18. An electrical cable assembly including
a termination assembly as claimed in any one of claims 1 to 8;
a connection assembly with parts selected from one or more tubes having
15 wiring looms, one or more moulded cable assemblies, one or more electrical
connector assemblies, and one or more cable connector assemblies; wherein the
selection of components depends on the type of electrical connector and the
distance between the electrical connectors.

20 19. A modular electrical cable system including
a termination assembly as claimed in any one of claims 1 to 8;
one or more tubes having a wiring loom, or one or more moulded cables for
connection to the termination assembly; and
two or more electrical connector assemblies for connection to the tubes or
25 moulded cable.

20. A modular electrical cable system as claimed in claim 19, wherein the
electrical connector assemblies which connect to a tube have a sealable opening for
filling the electrical cable system with oil or for bleeding air from the electrical cable
30 system as it is being filled with oil.