WHAT IS CLAIMED IS:

1. A submersible electrical connector, comprising:

a first mating component having a housing with a plurality of ports, each of said ports having a cable termination end and an opposite interface end, and defining a cavity supporting at least one first contact;

a second mating component having a housing with a plurality of ports, each of said ports of said second mating component having a cable termination end and an opposite interface end configured to engage the interface end of one of said ports of the first mating component, each port of the second mating component defining a cavity supporting at least one second contact configured to engage one of the at least one first contacts; and

a rail engagement disposed on at least one of said first and second mating components for mounting the connector on a DIN rail.

2. The submersible electrical connector according to claim 1, further comprising

a component coupling for fastening said first and second mating components together.

3. The submersible electrical connector according to claim 2, wherein

said component coupling includes a fastener that engages corresponding bores of said housings of said first and second mating components.

4. The submersible electrical connector according to claim 2, wherein

said component coupling includes corresponding latching members of said housing of said first and second mating components.

5. The submersible electrical connector according to claim 1, wherein

said rail engagement includes a snap end for engaging one side of the DIN rail and a groove end for engaging a second side of the DIN rail, and a support member between said snap end and groove end.

6. The submersible electrical connector according to claim 5, wherein

said rail engagement is integrally formed with said housing of said second mating component.

7. The submersible electrical connector according to claim 5, wherein

said rail engagement includes a base plate supporting said first and second mating components.

8. The submersible electrical connector according to claim 1, further comprising

an elastic retention clip provided in said cavities of said first and second mating components, said retention clips retaining said at least one first or second contacts in said first and second mating components, respectively.

9. The submersible electrical connector according to claim 8, wherein

each of said retention clips includes an angular face that abuts a shoulder of said cavity of said first and second mating components, respectively.

10. The submersible electrical connector according to claim 1, further comprising

a pressure relief path defined in said housings of said first and second mating components, said pressure relief path is in fluid communication with said cavities of said first and second mating components and in fluid communication with the exterior of said housings; thereby allowing air to escape said first and second mating components.

11. The submersible electrical connector according to claim 10, wherein

said pressure relief path is adapted to receive a dielectric fluid.

12. The submersible electrical connector according to claim 10, wherein

said pressure relief path defines an S-pattern in said housings of said first and second mating components.

13. The submersible electrical connector according to claim 10, wherein

said pressure relief path extends around said cavities of said housings of said first and second mating components.

14. The submersible electrical connector according to claim 1, wherein

each housing said first and second mating components includes a block portion between said interface and cable termination ends, said block portion is adapted to facilitate stacking of the connector.

15. The submersible electrical connector according to claim 14, wherein

said block portions include at least one detent and at least one indent opposite said at least one detent.

16. The submersible electrical connector according to claim 1, wherein

said first mating component includes a plurality of ports, each port of said plurality of ports has a cable termination end and an opposite interface end, and defines a cavity that supports another first contact; and

said second mating component includes a plurality of ports, each port of said plurality of ports of said second mating component has a cable termination end and an opposite interface end, and defines a cavity that supports another second contact.

17. The submersible electrical connector according to claim 16, wherein

said interface end of at least one of said ports of said first mating component has a different shape than said interface ends of the other of said plurality of ports, thereby defining a first key; and

said interface end of at least one of said ports of said second mating component has a different shape than said interface ends of the other of said plurality of ports of said second mating component, thereby defining a second key,

wherein said first and second keys correspond to provide alignment when mating said first and second mating components.

18. The submersible electrical connector according to claim 1, wherein

said first mating component is a plug and said first contact is a pin; and

said second mating component is a receptacle and said second contact is a socket.

19. A method of stacking a plurality of submersible electrical connectors, comprising the steps of:

providing a plurality of submersible electrical connectors, each of the connectors including,

a first mating component having a housing with a plurality of ports, each port having a cable termination end, an opposite interface end, and a block portion therebetween, and each port defining a cavity supporting at least one first contact, and

a second mating component having a housing with a plurality of ports, each port having a cable termination end, an opposite interface end configured to engage the interface end one of the ports of the first mating component, and a block portion therebetween, each port of the second mating component defining a cavity supporting at least one second contact configured to engage one of the at least one first contacts; and

mounting the connectors onto the DIN rail via a rail engagement member; and

stacking the plurality of connectors on the DIN rail against one another in a flush manner such that the block portions of the connectors abut one another.

20. The method according to claim 19, wherein

the step of stacking includes vertically stacking the connectors on top of one another on the DIN rail.

21. The method according to claim 20, wherein

the step of stacking includes vertically aligning the connectors using corresponding detents and indents in the housings of the connectors.

22. The method according to claim 20, further comprising

the step of fastening the vertically stacked connectors to the rail engagement.

23. The method according to claim 19, wherein

the step of stacking includes horizontally stacking the connectors on the DIN rail, such that each connector engages the DIN rail.

24. The method according to claim 23, further comprising the step of

fastening the first mating component to the second mating component of each connector using a coupling component.

25. The method according to claim 19, wherein

the rail engagement includes a snap end and a grooved end, the snap and grooved ends engaging opposite sides of the DIN rail.

26. The method according to claim 24, wherein

the rail engagement includes a base plate that supports the connectors.

27. The method of claim 19, wherein

the step of mounting includes snapping the connectors to the DIN rail via the rail engagement.

28. The method of claim 19, further comprising the step of

providing a pressure relief path in the first and second mating components of each connector, the pressure relief path being in fluid communication with the cavities of the first and second mating components and the exterior of the connectors.

29. The method of claim 19, wherein

the first mating component includes a plurality of ports, each port of the plurality of ports has a cable termination end and an opposite interface end, and defines a cavity that supports another first contact; and

the second mating component includes a plurality of ports, each port of the plurality of ports of the second mating component has a cable termination end and an opposite interface end, and defines a cavity that supports another second contact.

30. The method of claim 29, further comprising the step of

keying at least one port of the first mating component of each connector to at least one port of the second mating component of each connector, thereby aligning the first and second mating components of each connector, respectively.

31. A submersible electrical connector, comprising:

a first mating component having a housing with a plurality of ports, each port having a cable termination end and an opposite interface end, and defining a cavity supporting at least one first contact;

a second mating component having a housing with a plurality of ports, each port of said second mating component having a cable termination end and an opposite interface end configured to engage said interface end of one of said ports of said first mating component, and each of said ports of said second mating component defining a cavity supporting at least one second contact configured to engage one of said at least one first contacts; and

means for mounting the first and second mating components on a DIN rail.

32. The submersible electrical connector according to claim 31, further comprising

means for fastening the first and second mating components together.

33. The submersible electrical connector according to claim 31, further comprising

means for fastening the first and second mating components to the means for mounting.

34. The submersible electrical connector according to claim 31, further comprising

means for stacking on the housing of at least one of the first and second mating components.