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| | ROTALOCK | Rev. Date 30-Jan-08 | Rev A 02 |

Title: ROTALOCK connectors. Patent Application no. 0714219.3

Since 1994 these types of single pole connectors have been available with a Secondary locking pin to ensure that connectors cannot be accidentally uncoupled under load. The traditional method requires a separate unlocking key to push the spring loaded locking pin out of its recess, thereby allowing the connectors to be uncoupled. The need for a separate key to unlock is warranted in certain applications but has been found to be a problem in other areas, as the key can be lost and uncoupling is not as rapid as required.



The new Rotalock system provides an excellent solution to this problem. Uncoupling is achieved by simply rotating a coupling ring. When rotated the coupling ring moves in a lateral plane to disengage the locking pin. In this way no separate tools are required for uncoupling.

However the Rotalock can also be locked in the open position by turning two screws on the side of the ring, this will lock the ring open. In this way a tool (screwdriver) will be required to uncouple the connectors.

So the system can be used in two distinct ways covering all user requirements.

The coupling ring can also be quickly removed for use with our Powersafe Sequential mating units and can be easily replaced in the unlikely event of breakage.

- A) Two systems of operation are possible
- B) Rapid single handed unlocking. With no special keys required.
- C) Ergonomic hand grip
- D) High Impact design
- E) Fully matable with standard Powersafe connectors.
- F) Available in panel and line versions
- G) Can be retrofitted to existing equipments

For further information please contact
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