


The diagram illustrates a 4-phase brushless motor. The stator is represented by a horizontal bar divided into 12 segments, with poles numbered 3, 2, 1, 4, 3, 2, 1 from left to right. The rotor is shown below the stator, with 4 poles and a central shaft. The diagram includes various electrical components and labels:
 

- D1**: A diode symbol at the top center.
- D2**: A diode symbol inside a dashed box on the left.
- R1**: A resistor symbol inside a dashed box on the left.
- L/+** and **L/-**: Labels for the inductor windings.
- N/+** and **N/-**: Labels for the neutral point connections.
- CONTACT ASSY.**: A label pointing to a switch-like component on the right.
- COIL**: A label pointing to the stator windings.



DESIGNERS & MANUFACTURERS  
OF ELECTRICAL & ELECTRONIC  
EQUIPMENT & SYSTEMS FOR  
HAZARDOUS AREAS

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED
REMOVE ALL BURRS AND SHARP EDGES
MACHINE SYMBOLS THUS  μm

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