





















Automotive HVDC Contactors - up to 1000VDC

| | DEVR 01 | DEVR 03 | DEVR 03 PCB | DEVR 05 | DEVR 05 PCB | DEVR 10 | DEVR 10 PCB | DEVR 10DP | DEVR 13 | DEVR 15 |
|---|---|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |  |  |
| Contact Configuration | SPST-NO-DM | SPST-NO-DM | SPST-NO-DM | SPST-NO-DM | SPST-NO-DM | SPST-NO-DM | SPST-NO-DM | 2 X SPST-NO-DM | SPST-NO-DM | SPST-NO-DM, SPST-NC-DB |
| Rated Current | 10A | 30A | 30A | 55A | 55A | 120A | 120A | 2 x 120A | 135A | 150A |
| Max. Continuous Current (600s) | 20A (180s) | 90A (30s) | 90A (30s) | 150A (30s) | 150A (30s) | 140A | 140A | 2 x 140A | 200A | 250A |
| Max. Short Circuit Current | 100A | 300A | 300A | 500A | 500A | 600A | 600A | 2 x 600A | 650A | NO:1000A NC:1500A |
| Max. Switching Voltage | 900VDC | 900VDC | 900VDC | 900VDC | 900VDC | 900VDC | 900VDC | 1000VDC | 900VDC | 900VDC |
| Coil Voltages (DC) | 6V, 12V, 24V, 28V, 36V, 48V, 72V | 6V, 12V, 24V, 28V, 36V, 48V, 72V | 6V, 12V, 24V, 28V, 36V, 48V, 72V | 6V, 12V, 24V, 28V, 36V, 48V, 72V | 6V, 12V, 24V, 28V, 36V, 48V, 72V | 6V, 12V, 24V, 28V, 36V, 48V, 72V | 6V, 12V, 24V, 28V, 36V, 48V, 72V | 12V | 6V, 12V, 24V, 28V, 36V, 48V, 72V | 6V, 12V, 24V, 28V, 36V, 48V, 72V |
| Operating Temperature Range | -40 to 85 °C | -40 to 85 °C | -40 to 85 °C | -40 to 85 °C | -40 to 85 °C | -40 to 85 °C | -40 to 85 °C | -40 to 85 °C | -40 to 85 °C | -40 to 85 °C |
| Auxiliary Switch (Optional) | | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Coil Economizer | | | | | | | | | Optional External PWM Economiser | Optional External PWM Economiser |
| Dimensions (approx.) mm (varies with options) | 37.2 x 51.3 x 47.8 | 37.2 x 51.3 x 47.8 | 49.5 x 51 x 37.7 | 37.2 x 51.3 x 47.8 | 49.5 x 51 x 37.7 | 40 x 53.8 x 59.1 | 61.1 x 53.8 x 43 | 93 x 58.5 x 79 | 40 x 54 x 59, 47.3 x 69.5 x 66.7 | 53.8 x 69.4 x 66.7 |
| Approx. weight (varies with options) | 120g | 120g | 150g | 120g | 150g | 190g | 220g | 510g | 190g / 355g (with PWM) | 355g / 375g (with PWM) |
| Approvals |  |  |  |  |  |  |  |  |  |  |

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