



Copley Controls - Stepnet Compact Drives

STL-055-04



In Stock, Ships in 3-5 Days

- ✓ Get a Quote in 5 minutes
- ✓ Parts ship in as little as 24 hours
- ✓ Up to half the cost of the manufacturer



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One Year
Warranty

The **STL-055-04** is a part of the **Stepnet Compact Drives Series** by **Copley Controls**.

Specifications

| | | | | | |
|-----------------------------------|---------------------------------------|-----------------------------------|---------------------|----------------------------------|--------------------------------------|
| Auxiliary HV range: | +20 to +55 Vdc | Continuous current output: | 3 Apeak (2.1 Arms) | Current loop update rate: | 15 kHz (66.7 μ s) |
| Digital inputs: | 12 | Digital outputs: | 4 | Dimensions: | 64 x 41 x 16 mm (2.5 x 1.6 x 0.6 in) |
| HV overvoltage protection: | > +56 Vdc | Input continuous current: | 3.5 A dc | Input peak current: | 5.0 A dc (1 s) |
| Input voltage range: | +20 to +55 Vdc (transformer-isolated) | Modulation: | Space-vector PWM | Operating temperature: | 0 to +45 °C |
| Peak current output: | 4.5 Apeak (3.2 Arms) | Position loop update rate: | 3 kHz (333 μ s) | PWM frequency: | 15 kHz |
| PWM outputs: | Dual MOSFET H-bridges | Storage temperature: | -40 to +85 °C | Weight: | 1.3 oz (0.037 kg) |
| Last Verified: | 05/03/2025 3:21 PM | | | | |

Contact Us

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Shipping Options



Payment Methods



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