

SLR Line Reactors

SolaHD introduces DIN Rail mounted line reactors as the latest addition to a family of power quality products with a reputation for increasing industrial automation system performance.

The SLR Series is a CE style, DIN Rail Mounted line reactor that provides safe, compact protection for high frequency drives and electronic equipment. The SLR inductive filter prevents damage to any three phase electronic system plagued by capacitor or large load switching. Other benefits include reduced harmonics and input line distortion.

For SCR drive protection, SolaHD recommends our Drive Isolation Transformers (from 7.5 to 440 kVA) to completely isolate the negative effects of SCR drive technology.

No matter what the drive protection, SolaHD has the complete solution.

Applications

- Variable Frequency Drives
- Any three phase electronic products subject to high current anomalies such as Power Factor Correction capacitor switching.
- SCR Drives

Related Products

- Drive Isolation Transformers
- K-13 Rated Transformers for Variable Speed Drives



Features

- Compact, IP 20 finger safe packaging
- 2-20 HP available
- DIN Rail mount through 20 HP
- Reduces stress on drive components keeping drives running longer
- Removes harmonics and helps keep line voltage smooth through notching
- Reduces nuisance tripping to provide stable system performance
- Eliminates drive cross-talk and interference
- 10-Year warranty

Selection Table

| Catalog Number | Power | Output Amperage | Impedance (%Z) | mH | Phase | I/O Voltage | Mounting | Dimensions (H x W x D) – in (mm) | Ship Weight lbs (kg) |
|----------------|--------|-----------------|----------------|------|-------|-------------|----------|---|----------------------|
| SLR-2H-480-3 | 2 HP | 3.4 A | 3 | 5513 | 3 | 480 VAC | DIN Rail | 4.84 x 4.80 x 4.56 (123 x 122 x 116) | 6 (2.72) |
| SLR-3H-480-3 | 3 HP | 4.8 A | | 3675 | | | | | 6 (2.72) |
| SLR-5H-480-3 | 5 HP | 7.6 A | | 2757 | | | | | 6 (2.72) |
| SLR-7H-480-3 | 7.5 HP | 11.0 A | | 1838 | | | | | 7 (3.17) |
| SLR-10H-480-3 | 10 HP | 14.0 A | | 1376 | | | | | 7 (3.17) |
| SLR-15H-480-3 | 15 HP | 21.0 A | | 1050 | | | | 9 (4.08) | |
| SLR-20H-480-3 | 20 HP | 27.0 A | | 817 | | | | 16 (7.26) | |

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