

DSLCTM to DSLC-2TM Conversion Kit



Description

DSL-2 (Digital Synchronizer and Load Control-2) and MSL-2 (Master Synchronizer and Load Control-2) are microprocessor-based synchronizer and load controls designed for use on three-phase AC generators. The DSL-2 and MSL-2 will perform the same functionality as the original models, in addition to new features.

DSL and MSL controls are important product lines to Woodward. However; due to the increasing support costs and lack of obtainable components, production of these products will cease in the near future. This conversion kit allows the user to easily upgrade the DSL/MSL system with a DSL-2/MSL-2 system.

The existing LON™ will have to be changed out on a multi-generator system to utilize a Ethernet protocol for communications.

The easy drop-in replacement kit will save time during installation and for quick retrofits. Included in the kit is the pre-wired DSL-2 or MSL-2 mounted on an aluminum chassis that is the exact size as the DSL or MSL. Wiring locations are close to the original, minimizing extra terminal blocks and wiring.

See technical manual 35068 and Woodward drawing 8923-2359 for more information about this conversion kit.

- Quick and easy upgrade from a DSL to DSL-2 and from a MSL to MSL-2
- Wire-for-wire compatible
- New Ethernet communications replaces the older LON load sharing communications
- Redundant load sharing communications capability
- Eliminates need for hand-held programmer
- Uses Toolkit service tool to configure DSL-2 and MSL-2 controls

The six DSLC and MSLC conversion kits are shown in the table below. Wiring diagrams for each can be found in Chapter 2 of manual 35068.

| DSLCL Part Number | PT Configuration | Voltage Input | Conversion Kit Designation |
|------------------------------|------------------|---------------|--|
| DSLCL CONVERSION KITS | | | |
| 9905-355 | Wye | 120 or 240 | DSLCL 120 V or 240 V Wye Connected Version |
| 9905-603 | | | |
| 9905-795 | | | |
| 9905-799 | | | |
| 9905-367 | Open Delta | 120 | DSLCL 120 V Open Delta Connected Version |
| 9905-373 | | | |
| 9905-708 | | | |
| 9905-797 | | | |
| 9905-363 | Open Delta | 240 | DSLCL 240 V Open Delta Connected Version |
| MSLCL CONVERSION KITS | | | |
| MSLCL Part Number | PT Configuration | Voltage Input | Conversion Kit Designation |
| 9907-004 | Wye | 120 or 240 | MSLCL 120 V or 240 V Wye Connected Version |
| 9907-005 | Open Delta | 120 | MSLCL 120 V Open Delta Connected Version |
| 9907-006 | Open Delta | 240 | MSLCL 240 V Open Delta Connected Version |



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