Bulletin 150

SMC™ Flex Smart Motor Controllers

Modifications/Accessories

Enclosed Options, Continued

| Option | Description | Cat. No. Modification |
|---------------------------|-------------|--------------------------|
| | 543 A | |
| | 6085 A | |
| NEMA Bypass Contactor and | 108135 A | -NB |
| Overload Relay | 201251 A | -NB |
| | 317361 A | |
| | 480 A | |
| | 543 A | |
| | 6085 A | |
| NEMA Isolation Contactor | 108135 A | -NI |
| NEWA ISOlation Contactor | 201251 A | -111 |
| | 317361 A | |
| | 480 A | |
| | 543 A | |
| | 6085 A | |
| MCS Bypass Contactor and | 108135 A | DD. |
| Overload Relay | 201251 A | -BP |
| | 317361 A | |
| | 480 A | |

Accessories

Protective Modules★

Protective modules must not be placed on the load side of a device when using an inside-the-delta connection or with Pump, Braking, or Linerar Speed control.



| Current Rating [A] | Description | Field Modification Cat. No. |
|--------------------|------------------------|--------------------------------|
| 585 | 480V Protective Module | 150-F84 |
| 90520 | 480V Frotective Module | 150-F84L |
| 585 | 600V Protective Module | 150-F86 |
| 90520 | boov Protective Module | 150-F86L |

[★] The same protective module mounts on the line or load side of the SMC Flex. For applications requiring both line and load side protection, two protective modules must be ordered.

Terminal Lug Kits (108...1250 A)



| Current | Total No. of Lin Termina Possible E | | al Lugs | | |
|--------------|---|-----------|-----------|-----------|-----------|
| Rating [A] ‡ | Wire Size | Line Side | Load Side | Pkg. Qty. | Cat. No. |
| 108135∆ | #6250 MCM AWG | 3 | 3 | | 199-LF1 |
| 201251∆ | 16 mm ² 120 mm ² | 6 | 6 | | 199-LF1 |
| 317480∆ | #4500 MCM AWG 25 mm ² 240 mm ² | 6 | 6 | | 199-LG1 |
| 625780 | 2/0500 MCM AWG | 6 | 6 | 3 | 100-DL630 |
| 970 | 4/0500 MCM AWG | 3 | 3 | | 100-DL860 |
| 1250* | 2/0500 MCM AWG | 3 | 3 | | 100-DL630 |
| | 4/0500 MCM AWG | 3 | 3 | | 100-DL860 |

Line and Load terminals are provided as standard on enclosed SMCs.

- ‡ 5...85 A units have box lugs standard. No additional lugs are required.
- The 1250 A device requires (1) 100-DL630 and (1) 100-DL860 per connection.
- Δ When a multi-conductor lug is required, refer to the User Manual for appropriate lug catalog number.

