

# Product Details and Certifications

## Cross Reference RA Part Number: 150-C85NBD B

 **Product: 150-C85NBD**

Description: SMC-3, 3-Wire, Open Type, 85A, 480V 3-Phase  
50/60 Hz Max, Control Voltage 100...240V AC



Representative Photo Only (actual product may vary based on configuration sections)

### **CONTROLLER DATA**

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|                    |                              |
|--------------------|------------------------------|
| Bulletin Number    | 150-C Solid State Controller |
| Enclosure Type     | Open                         |
| Input Line Voltage | 200..460V AC 50/60Hz         |
| Control Voltage    | 100...240V AC                |
| Phase              | 3 PH                         |
| Amperage Rating    | 85 A                         |

### **CERTIFICATIONS AND APPROVALS**

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UL  
CSA  
EN/IEC  
CE

For UL Certifications Directory:

<http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm>

## SMC-3 Controllers


The compact design of the SMC-3 controller provides three-phase control, increased intelligence, and unmatched performance in a cost-effective package with overload protection, integrated bypass, and motor system diagnostics. DIP switches and a rotary dial make secure setup easy. This controller features an electronic overload with adjustable trip class.

Modes of operation include the following:

- Soft Start
- Current Limit Start
- Selectable Kickstart
- Coast-to-rest
- Soft Stop

## Catalog Number Explanation

Examples that are given in this section are not intended to be used for product selection. Use ProposalWorks to configure the SMC-Flex controller. ProposalWorks is available from <http://www.rockwellautomation.com/global/e-tools/overview.page>.


150 - C 85 N B D  
a b c d e f

| a               |                        | b               |             | c              |             | d              |             |
|-----------------|------------------------|-----------------|-------------|----------------|-------------|----------------|-------------|
| Bulletin Number |                        | Controller Type |             | Ampere Ratings |             | Enclosure Type |             |
| Code            | Description            | Code            | Description | Code           | Description | Code           | Description |
| 150             | Solid-state Controller | C               | SMC-3       | 3              | 3 A         | N              | Open        |
|                 |                        |                 |             | 9              | 9 A         |                |             |
|                 |                        |                 |             | 16             | 16 A        |                |             |
|                 |                        |                 |             | 19             | 19 A        |                |             |
|                 |                        |                 |             | 25             | 25 A        |                |             |
|                 |                        |                 |             | 30             | 30 A        |                |             |
|                 |                        |                 |             | 37             | 37 A        |                |             |
|                 |                        |                 |             | 43             | 43 A        |                |             |
|                 |                        |                 |             | 60             | 60 A        |                |             |
|                 |                        |                 |             | 85             | 85 A        |                |             |
|                 |                        |                 |             | 108            | 108 A       |                |             |
|                 |                        |                 |             | 135            | 135 A       |                |             |
|                 |                        |                 |             | 201            | 201 A       |                |             |
|                 |                        |                 |             | 251            | 251 A       |                |             |
|                 |                        |                 |             | 317            | 317 A       |                |             |
|                 |                        |                 |             | 361            | 361 A       |                |             |
|                 |                        |                 |             | 480            | 480 A       |                |             |

| e                  |                                  | f               |               |
|--------------------|----------------------------------|-----------------|---------------|
| Input Line Voltage |                                  | Control Voltage |               |
| Code               | Description                      | Code            | Description   |
| B                  | 200...460V AC, 3-Phase, 50/60 Hz | D               | 100...240V AC |
| C                  | 200...600V AC, 3-Phase, 50/60 Hz | R               | 24V AC/DC     |