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SMC Dialog Plus Renewal Parts

SMC Dialog Plus Control Modules

Examples: the repair part number for the 120V AC standard control module for a 150-B97NBD is part number 40888-490-01-S1FX, the repair part number for the 24V DC standard control module for a 150-B97NBR is part number 40888-490-01-S2FX, the repair part number for the 120V AC soft stop control module for a 150-B97NBD**A** is part number 40888-490-01-A1FX.

Description of Control Module	Catalog Number Suffix Code	Controller Rating (amps)	120-240V AC Control Module Part Number	24V DC Control Module Part Number
Standard Control Module	(none)	ALL	40888-490-01-S1FX	40888-490-01-S2FX
Soft Stop Control Module	A	ALL	40888-490-01-A1FX	40888-490-01-A2FX
Pump Control Module	B	ALL	40888-490-01-B1FX	40888-490-01-B2FX
Preset Slow Speed Control Module	C	ALL	40888-490-01-C1FX	40888-490-01-C2FX
Smart Motor Brake Control Module	D	24A-54A	40888-490-01-D1AX	40888-490-01-D2AX
Smart Motor Brake Control Module	D	97A-135A	40888-490-01-D1BX	40888-490-01-D2BX
Smart Motor Brake Control Module	D	180A-360A	40888-490-01-D1CX	40888-490-01-D2CX
Smart Motor Brake Control Module	D	500A-650A	40888-490-01-D1DX	40888-490-01-D2DX
Smart Motor Brake Control Module	D	720A-1000A	40888-490-01-D1EX	40888-490-01-D2EX
Accu-Stop Control Module	E	24A-54A	40888-490-01-E1AX	40888-490-01-E2AX
Accu-Stop Control Module	E	97A-135A	40888-490-01-E1BX	40888-490-01-E2BX
Accu-Stop Control Module	E	180A-360A	40888-490-01-E1CX	40888-490-01-E2CX
Accu-Stop Control Module	E	500A-650A	40888-490-01-E1DX	40888-490-01-E2DX
Accu-Stop Control Module	E	720A-1000A	40888-490-01-E1EX	40888-490-01-E2EX
Slow Speed w/Braking Control Module	F	24A-54A	40888-490-01-F1AX	40888-490-01-F2AX
Slow Speed w/Braking Control Module	F	97A-135A	40888-490-01-F1BX	40888-490-01-F2BX
Slow Speed w/Braking Control Module	F	180A-360A	40888-490-01-F1CX	40888-490-01-F2CX
Slow Speed w/Braking Control Module	F	500A-650A	40888-490-01-F1DX	40888-490-01-F2DX
Slow Speed w/Braking Control Module	F	720A-1000A	40888-490-01-F1EX	40888-490-01-F2EX

Power Modules

Part number listed below contains one power module with SCR's, each SMC Dialog Plus requires three power modules.
Example: the replacement power module for a 150-B135NBD is 40382-806-03.

Controller Rating (amps)	Line Voltage Rating	Power Module Part Number
24A	200-480	40382-899-02
	200-600	40382-899-04
35A	200-480	40382-899-03
	200-600	40382-899-04
54A	200-480	40382-899-03
	200-600	40382-899-04
97A	200-480	40382-806-01
	200-600	40382-806-02
135A	200-480	40382-806-03
	200-600	40382-806-04
180A	200-480	40382-809-03
	200-600	40382-809-04
240A	200-480	40382-809-05
	200-600	40382-809-06
360A	200-480	40382-809-07
	200-600	40382-809-08
500A	200-480	40382-810-01
	200-600	40382-810-02
650A	200-480	40382-818-01
	200-600	40382-818-02
720A	200-480	40382-818-03
	200-600	40382-818-04
850A	200-480	40382-819-01
	200-600	40382-819-02
1000A	200-480	40382-819-03
	200-600	40382-819-04

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SMC Dialog Plus Renewal Parts

Individual SCR's

Example: the replacement SCR for a 150-B720NBD is 40382-811-03. Each part number below contains one SCR.

Controller Rating (amps)	Line Voltage	SCR Part Number
650A	200-480	40382-811-01
	200-600	40382-811-02
720A	200-480	40382-811-03
	200-600	40382-811-04
850A	200-480	40382-812-03
	200-600	40382-812-04
1000A	200-480	40382-812-01
	200-600	40382-812-02

Heatsink Fan

Example: the replacement fan for a 150-B180NBD is part number 40382-804-01.

Controller Rating (amps)	Line Voltage	Fan Part Number
24A-54A	All	Not Available
97A-135A	All	40382-807-01
180A-360A	All	40382-804-01
500A	All	40382-813-01
650A-1000A	All	40382-815-01

Interface Board

Example: the Interface Board for a 150-B500NBD is 40382-814-01.

Controller Rating (amps)	Line Voltage	Interface Board Part Number
24A-135A	All	Not Available
180A-360A	All	40382-805-01
500A	All	40382-814-01
650A-1000A	All	40382-814-01

MOV Fuse

Example: the MOV fuse for a 150-B720NBD is 40382-816-01.

Controller Rating (amps)	Line Voltage	MOV Fuse Part Number
24A-360A	All	Not Available
500A-1000A	All	40382-816-01

MOV

Controller Rating (amps)	Line Voltage	MOV Part Number
24A-360A	All	Not Supplied with Controller ①
500A-1000A	200-480	40382-817-01
	200-600	40382-817-02

① Consult the current edition of the Industrial Control Catalog for a list of accessory kits.

Lug Kits

Controller Rating (amps)	Line Voltage	Lug Kit Part Number
24A-54A	All	Supplied with Controller
97A-360A	All	Not Supplied with Controller ①
500A-720A	All	199-LG1 (each kit contains 3 lugs)
850A-1000A	All	199-LJ1 (each kit contains 3 lugs)

① Can be purchased separately as 199-LF1, each kit contains 3 lugs.

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Important User Information

Because of the variety of uses for the products described in this publication, those responsible for the application and use of this control equipment must satisfy themselves that all necessary steps have been taken to assure that each application and use meets all performance and safety requirements, including any applicable laws, regulations, codes and standards.

The illustrations, charts, sample programs and layout examples shown in this guide are intended solely for purposes of example. Since there are many variables and requirements associated with any particular installation, Rockwell Automation does not assume responsibility or liability (to include intellectual property liability) for actual use based upon the examples shown in this publication.

Allen-Bradley publication SGI-1.1, *Safety Guidelines for the Application, Installation and Maintenance of Solid-State Control* (available from your local Allen-Bradley office), describes some important differences between solid-state equipment and electromechanical devices that should be taken into consideration when applying products such as those described in this publication.

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Throughout this document we use notes to make you aware of safety considerations:

ATTENTION



Identifies information about practices or circumstances that can lead to personal injury or death, property damage or economic loss

IMPORTANT

Identifies information that is critical for successful application and understanding of the product.

Use only replacement parts and devices recommended by Rockwell Automation to maintain the integrity of the equipment. It is the user's responsibility to ensure that the renewal part number selected is properly matched to the model, series and revision level of the equipment being serviced.

ATTENTION



Servicing energized Industrial Control Equipment can be hazardous. Severe injury or death can result from electrical shock, burn, or unintended actuation of controlled equipment. Recommended practice is to disconnect and lockout control equipment from power sources, and release stored energy, if present.

Refer to **National Fire Protection Association Standard No. NFPA70E, Part 2 and (as applicable) OSHA rules for Control of Hazardous Energy Sources (Lockout/Tagout) and OSHA Electrical Safety Related Work Practices** for safety related work practices, including procedural requirements for lockout/tagout, and appropriate work practices, personnel qualifications and training requirements where it is not feasible to de-energize and lockout or tagout electric circuits and equipment before working on or near exposed circuit parts.

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