

0 1 2 3 4 5 6 7

152S-C90JCD-J20-3B-20E-BP-HC6

550V/600V
3PH 50Hz/60Hz
L1 L2 L3

FDS1

*Fuses not supplied

L1 BLK L2 BLK

TB1 L1 TB1 L2

RC L1 T1 OL L1 T1

L2 T2

L3 T3

HMI

SCANBUS PORT

SMC-50

PORT 2

L1/1 T1/2

L2/3 T2/4

L3/5 T3/6

SMC

SMC POWER TERMINALS (SEE MANUAL)

+REMOTE

MTR1

U1

V1

W1

PE

GRD

SMC

QC

L

LT

N

SMC

2

SMC

1

SMC

QC

L

QC

5

+REMOTE

QC

4

QC

3

QC

11

BR

14

QC

4

QC

34

SR

31

SMC

18

QC

5

SMC

23

24

QC

7

QC

6

QC

A1

A2

SR

A1

A2

95

WHT

95

OL

96

SMC

A5

96

WHT

SMC

2

SMC

QC

L

QC

8

SMC

A4

SMC

A2

QC

P2

QC

P1

QC

F

QC

A10

A11

SMC

A9

A8

RC

13

RED

13

14

14

RED

RC

21

RED

21

22

RED

22

RED

6

7

QC

P2

QC

P1

QC

F

QC

A10

A11

SMC

A9

A8

RC

13

RED

13

14

14

RED

RC

21

RED

21

22

RED

22

RED

6

7

QC

P2

QC

P1

QC

F

QC

A10

A11

SMC

A9

A8

RC

13

RED

13

14

14

RED

RC

21

RED

21

22

RED

22

RED

6

7

QC

P2

QC

P1

QC

F

QC

A10

A11

SMC

A9

A8

RC

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RED

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RC

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RED

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QC

P2

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P1

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A10

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RC

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P2

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P1

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A10

A11

SMC

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A8

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A10

A11

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A8

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QC

P2

QC

P1

QC

F

QC

A10

A11

SMC

A9

A8

RC

13

RED

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14

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RED

RC

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RED

21

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RED

22

RED

6

7

QC

P2

QC

P1

QC

F

QC

A10

A11

SMC

A9

A8

RC

13

RED

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RED

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P2

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P1

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A10

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SMC

A9

A8

RC

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RED

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A10

A11

SMC

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A8

RC

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QC

P2

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QC

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A10

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A9

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QC

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A10

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SMC

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QC

P2

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P1

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A10

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SMC

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A8

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ADD JUMPER FROM TERMINAL BLOCK "18" TO TERMINAL BLOCK "5" WHEN USING DPI (-HC3 or -20*) JUMPER IS INCLUDED IN RAIL IN TERMINAL BLOCK 18.

SMC FACTORY PRE-PROGRAMMED PARAMETER
A2=START, A3=COAST, A4=OPTION STOP
Product specific (not test setup ones):

- PAR# 56 Disable 0
- PAR# 57 Disable 0
- PAR# 172 Aux1 Config to Ext Bypass 4
- PAR# 176 Aux2 Config to Fault Normal (0)
- PAR# 177 Enabled 1
- PAR# 230 (Upper) XXXX XXXX 0000 0010
- PAR# 230 (Lower) 0000 0000 0000 0001

RELAY FUNCTIONS;
R1: PREVENT RACE CONDITION BETWEEN A3 &
A2
BR 11-14: HOLD-IN CONTACT WITH START-STOP
FOR BYPASS
SR 11-14: HOLD-IN CONTACT WITH START-STOP
FOR SR RELAY
(START'S SMC)
SR 31-34: STARTS SMC WITH PILOT DEVICE (NO
DPI PRESENT)
R1 11-14: SMC START COMMAND

LINE FUSES SUPPLIED BY CUSTOMER WHEN
DISCONNECT SWITCH IS SUPPLIED. REFER TO
NEC WHEN SELECTING SHORT CIRCUIT
PROTECTION

ADDITIONAL CONTROL CIRCUIT OVERCURRENT PROTECTION REQUIRED FOR NON-COMBINATION STARTERS. REFER TO NATIONAL ELECTRIC CODE

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	Title: SMC COMBO			S.O.	
CATALOG NO.					
152S-C90JCD-J20-3B-20E-BP-HC6					
Drawn by: AUTO_GEN		Date: 02/11/18		Sheet: 1 of 2	
				Ver: 00	
				Size: D	