152F-D20JBD-J40-3-6XP-20E-HC3

440V/480V
3PH 50/60Hz
L1 L2 L3

FDS1
1 2 3 4 5 6
*Fuses not supplied

HMI
SCANBUS PORT

SMC-FLEX
PORT 2
L1/1 L2/3 L3/5
T1/2 T2/4 T3/6
SMC
SMC POWER TERMINALS (SEE MANUAL)

+REMOTE
MTR1
U1 V1 W1 PE
M 3~
GRD

L1 BLK L2 BLK
TB1 L1 TB1 L2

PLUG K
L1 L2
L1 L2
FU1 FU2
H1 H4
H1 H4 H2 H3
TR1
X1 X2
GRD
FU3
LT LT X1
N

SMC 11 QC L
QC LT
QC N
QC N SMC 12 SMC 13

HAND/OFF/AUTO
QC L
L 13 14 4
23 24 5
PLUG E
QC 4
QC 3 SR 11 14
QC 5 +REMOTE QC 4
SMC 18
*

SR A1 A2

SR 21 24

QC L
QC 8
SMC 16
SMC 17
SMC 14 14 GRN MTG_PLT
GRD

SMC (AUX 1) 19 20
QC P1

SMC (AUX 2) 29 30
QC F

SMC (AUX 4) 33 34
P2 QC

QC N

FAN
L RED 1 2 3 4 13 WHT

NOTES:

* 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.

** REMOVE PRE-INSTALLED YELLOW JUMPER BETWEEN TERMINAL BLOCK "L" AND TERMINAL BLOCK"8" WHEN USING AUX COMMAND DEVICE

1 SMC FACTORY PRE-PROGRAMMED PARAMETERS;
PARAMETER 109: AUX4CFG SET TO NORMAL NC
TO NORMAL NC

2 USE 75ºC CU WIRE ONLY

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

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

5 FOR UNITS WITH DPI (HIM OR COMM CARD), SET LOGIC MASK (PARAMETER 87) TO "0010 0100"

***

Wire Connector Torque	
Line Terminal (Lb.In.)	Load Terminal (Lb.In.)
550	275

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Rockwell Automation

Title: SMC COMBO

S.O.

CATALOG NO. 152F-D20JBD-J40-3-6XP-20E-HC3

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