Functional Devices, Inc. RIB®
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www.functionaldevices.com
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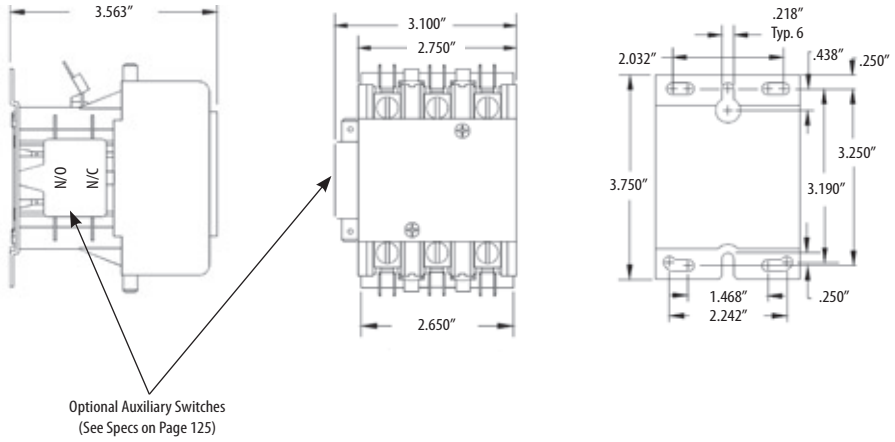
3 POLE - B SERIES

Definite Purpose Contactors 24 Vac, 120 Vac, or 208/240 Vac Coils, 50 or 60 FLA

Functional Devices, Inc. A600D 2006

Poles: 3
FLA Rating: 50 or 60 FLA
Line & Load Terminals: Box Lug & Dual .250 QC
Coil Terminals: Dual .250 QC (2)
Wire Size AWG Min/Max: 14-2 Cu/Al
Recommended Tightening Torque: 50 in. lbs.
Insulation System: 130˚C Class B
Operating Temperature: -40˚C to 65˚C
Dimensions: 3.563″ x 2.750″ x 3.750″
Weight: 1.6 lbs.
Approvals: UL Recognized
CE/Semko Approved
Optional Auxiliary Switches: CN1B, CN2B
See Accessories on Page 125



Optional Auxiliary Switches
(See Specs on Page 125)

COIL RATINGS

MODEL #	CN24A3B50	CN24A3B60	CN01A3B50	CN01A3B60	CN02A3B50	CN02A3B60
COIL VOLTAGE	24 Vac	24 Vac	120 Vac	120 Vac	208/240 Vac	208/240 Vac
INRUSH @ 50Hz	140 VA	140 VA	140 VA	140 VA	140 VA	140 VA
SEALED @ 50Hz	20 VA	20 VA	20 VA	20 VA	20 VA	20 VA
INRUSH @ 60Hz	132 VA	132 VA	132 VA	132 VA	132 VA	132 VA
SEALED @ 60Hz	14 VA	14 VA	14 VA	14 VA	14 VA	14 VA
DC RESISTANCE	2.4 Ohms	2.4 Ohms	45 Ohms	45 Ohms	180 Ohms	180 Ohms
PULL-IN	18 Vac	18 Vac	93 Vac	93 Vac	177 Vac	177 Vac
DROP OUT RANGE	6-15 Vac	6-15 Vac	20-70 Vac	20-70 Vac	40-135 Vac	40-135 Vac

CONTACT RATINGS

FULL-LOAD AMP	50 FLA @ 240-600 Vac	60 FLA @ 240-600 Vac	50 FLA @ 240-600 Vac	60 FLA @ 240-600 Vac	50 FLA @ 240-600 Vac	60 FLA @ 240-600 Vac
LOCKED-ROTOR AMP	300 LRA @ 240 Vac 250 LRA @ 480 Vac 200 LRA @ 600 Vac	360 LRA @ 240 Vac 300 LRA @ 480 Vac 240 LRA @ 600 Vac	300 LRA @ 240 Vac 250 LRA @ 480 Vac 200 LRA @ 600 Vac	360 LRA @ 240 Vac 300 LRA @ 480 Vac 240 LRA @ 600 Vac	300 LRA @ 240 Vac 250 LRA @ 480 Vac 200 LRA @ 600 Vac	360 LRA @ 240 Vac 300 LRA @ 480 Vac 240 LRA @ 600 Vac
RESISTIVE	65 Amps @ 240-600 Vac	75 Amps @ 240-600 Vac	65 Amps @ 240-600 Vac	75 Amps @ 240-600 Vac	65 Amps @ 240-600 Vac	75 Amps @ 240-600 Vac
HP SINGLE PHASE	3 HP @ 110/120 Vac 7.5 HP @ 200/208 Vac 10 HP @ 220-240 Vac	5 HP @ 110/120 Vac 7.5 HP @ 200/208 Vac 10 HP @ 220-240 Vac	3 HP @ 110/120 Vac 7.5 HP @ 200/208 Vac 10 HP @ 220-240 Vac	5 HP @ 110/120 Vac 7.5 HP @ 200/208 Vac 10 HP @ 220-240 Vac	3 HP @ 110/120 Vac 7.5 HP @ 200/208 Vac 10 HP @ 220-240 Vac	5 HP @ 110/120 Vac 7.5 HP @ 200/208 Vac 10 HP @ 220-240 Vac
HP THREE PHASE	15 HP @ 200/208 Vac 15 HP @ 220-240 Vac 25 HP @ 480/600 Vac	25 HP @ 200/208 Vac 25 HP @ 220-240 Vac 30 HP @ 480/600 Vac	15 HP @ 200/208 Vac 15 HP @ 220-240 Vac 25 HP @ 480/600 Vac	25 HP @ 200/208 Vac 25 HP @ 220-240 Vac 30 HP @ 480/600 Vac	15 HP @ 200/208 Vac 15 HP @ 220-240 Vac 25 HP @ 480/600 Vac	25 HP @ 200/208 Vac 25 HP @ 220-240 Vac 30 HP @ 480/600 Vac
TUNGSTEN	53 A @ 480 Vac	53 A @ 480 Vac	53 A @ 480 Vac	53 A @ 480 Vac	53 A @ 480 Vac	53 A @ 480 Vac
BALLAST	53 A @ 480 Vac	53 A @ 480 Vac	53 A @ 480 Vac	53 A @ 480 Vac	53 A @ 480 Vac	53 A @ 480 Vac