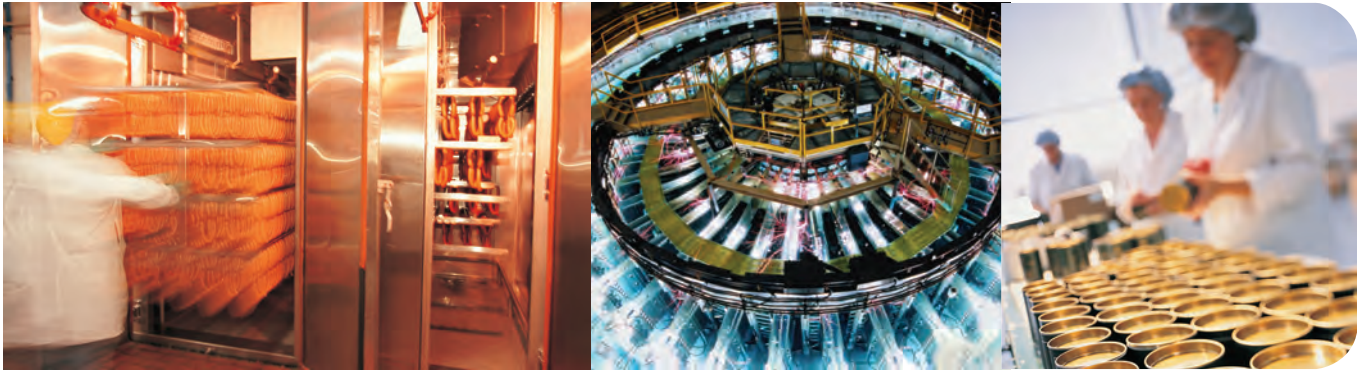


LISTEN.
THINK.
SOLVE.®



**BULLETIN 400 COMPLETE RANGE OF DEFINITE
PURPOSE CONTACTORS**



When it comes to automation, your requirements are unique and so are our solutions. Rockwell Automation offers a complete line of Allen-Bradley® Bulletin 400 Definite Purpose Contactors to help meet your requirements. Bulletin 400 Definite Purpose Contactors are compact in size allowing for space-savings while still supplying you with a high-performance product. In addition, this line of contactors are designed to meet or exceed electrical and mechanical requirements for Definite Purpose devices.

BULLETIN 400 DEFINITE PURPOSE CONTACTORS

Product Features:

- Wide Product Range – 20...90 FLA
- 1-Pole: 20...40 A, 600V Max., 2-Pole: 20...40 A, 600V Max.,
- 3-pole: 20...90 A, 600V Max., 4-pole: 20...40 A, 600V Max.
- Feed-through wiring
- Double-break contacts
- Low coil VA with Class B insulation (130° C) as standard
- Snap-On auxiliary contacts
- Wide variety of factory modifications
- Meets UL 508 and CSA C22.2 Standards
- UL tested for lighting loads
- Compliant with international standards
- Increase quality, productivity and flexibility while reducing costs
- Quick connect terminals
- Hex, slotted, Phillips #10-32 screws provide ease of wiring.
- Meets the material restrictions of the EU RoHS directive
- Standard and high fault short circuit current rating (SCCR)



Ideal for:

- Air Conditioners
- Compressors
- Welding Equipment
- Vending Machines
- Business Machines
- Power Supplies
- Refrigeration Equipment
- Resistive Heating
- Food Service Equipment

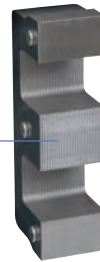
4-POLE 30 FLA DEFINITE PURPOSE CONTACTOR



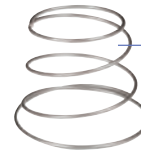
Mounting Plate
Easily accessible mounting holes.
Shock absorber reduces contact bounce for longer life.



Shock Absorber
Reduces contact bounce for longer life.



Double E Magnet Assembly
Provides optimal performance with reduced power consumption.



Return Spring
Provides positive force to open contacts when magnet is de-energized.

Coil Terminals
#6 - 32 screw and (1) 0.250 Quick Connect or Dual 0.250 Quick Connects (will accept two insulated quick connect terminals).

Coil
Class B (130°C) Insulation System with wide range of voltages and 50/60 Hz ratings.



Shading Coil
Reduces contact chatter.



Stationary Terminal
One piece terminal design with integral dual .250 Quick Connects. Meets NEMA Standard for spacing without insulated terminals.

Exclusive Terminal Screw
Features: Hex, slotted, Phillips #10-32 screw. Box lugs standard on 40 FLA models and larger.

Base Assembly
High arc-resistant polyester hold stationary terminals, positions actuator, and magnet/coil assembly.

Movable Contacts
Heavy-duty silver cadmium oxide composition to resist welding and contact erosion for greater reliability.



Actuator
Molded from high arc-resistant polyester, holds upper magnet, movable contacts, and contact springs in position.



Cover and Nameplate
Complete information and ratings.

Bulletin 400 Definite Purpose Contactors

400 – DP40 N A 2 –
a b c d e

a

Current Size	
Code	Size [A]
DP25	20/25
DP30	30
DP40	40
DP50	50
DP60	60
DP75	75
DP90	90

b

Enclosure Code	
Code	Enclosure
N	No enclosure/No exceptions

c

Nominal Coil Voltage	
Code	50/60 Hz Frequency
J	24
D	120
A	208/240
F	277
LF	347
B	480

d

Number of Poles	
Code	Description
1	1 Pole
2	2 Poles
3	3 Poles
4	4 Poles

e

Modifications	
Code	Description
B	Box Lug With DP25 or DP30 in 2 nd Position.
D	400-DRA Factory Attached to DP (25...40 A)
E	2 Poles With 3-Pole Base
K	6-32 Screw Coil Terminal with DP25, DP30, or DP40 in 2 nd Position
R	Ring Terminal For DP40...DP90
S	10-32 SEMS Terminal
T	Coil Terminals Down
U	Coil Terminals on load side (T1/2, T2/4, T3/6) w/o Quick Connect line/load terminals
X	w/o Quick Connect terminals on line and load

e (cont'd)

Modifications	
3-Pole 20/25, 30, and 40 A only (Ser. A)	
Code	Description
AB1	Auxiliary Contact – 1 N.O./1 N.C. with Quick Connect
A1	Auxiliary Contact – SPDT with QC
A2	Auxiliary Contact – 2 SPDT with QC
3-Pole 50...90 A only	
Code	Description
AB	Auxiliary Contact – 1 N.O./1 N.C. with QC
A	Auxiliary Contact – SPDT with QC
25 A, 4-Pole (Ser. A)	
Code	Description
AB4	Auxiliary Contact – 1 N.O./1 N.C. with QC
A4	Auxiliary Contact – SPDT with QC
3-Pole & 4-Pole (Ser. B) 20/25, 30 & 40 A only	
Code	Description
AB5	Auxiliary Contact – 1 N.O./1 N.C. with QC
A5	Auxiliary Contact – SPDT with QC
AA5	Auxiliary Contact – 2 SPDT with QC

For flexible, hassle-free ordering

- Contact your local distributor today or call 800.496.5972
- Online at www.ab.com
- Product Selection Toolbox – Allows you to select and configure the products you need with confidence
- Essential Components Catalog – Publication number EC-CA001_EN-P
- Bulletin 400 Definite Purpose Contactor Selection Guide – Publication number 400DP-SG001_EN-P

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