

Migration Solutions



Bulletin 100-D/G to 100-E Large Frame IEC Contactors

Why Upgrade or Migrate

While Allen-Bradley bulletin 100-D and 100-G large frame IEC contactors have provided dependable service to many customers, they will no longer be available for sale after March 31, 2019.*

The replacement 100-E contactors provide a narrower panel footprint, reduced weight, lower coil power consumption and simplified selection.

Bulletin 100-E IEC Contactors Features and Benefits

Electronic wide-range AC/DC coils

- Low inrush and hold-in power consumption
- Optional integrated PLC interface
- Integrated surge suppression
- Easier selection

Smaller, lighter

- Reduced panel footprint makes retrofiting easier and can enable smaller enclosures

Safety Solutions

- Safety contactors available up to 750 A
- Mirror contact performance
- SUVA third party certified

Approvals

- CE Marked
- c-UL-us Listed (File No. E41850/ E196120, Guide NLDX, NLDX7)
- CCC
- EAC
- RCM

* Discontinued date may be subject to change.



100-D



100-E

Identify, Mitigate and Help Eliminate the Risk of Automation Obsolescence

In today's economy, it is necessary to have migration solutions that help you to achieve increased productivity and lessen your risk of maintaining your legacy equipment. You need to work with a supplier that has the product, service and industry knowledge to partner with you on an upgrade strategy that will help you maximize your competitive advantage.

Rockwell Automation and its partners will work with you to outline a plan that fits your application needs and long-term goals. We can help you migrate all at once or in phases, at the pace that is comfortable for you and fits your budget.

With your goals in mind, Rockwell Automation has developed a migration strategy that will allow you to quickly and easily migrate from 100-D and 100G contactors to 100-E contactors.

Product Lifecycle

Use the [Product Lifecycle Status](#) search tool on the web to find specific lifecycle information by catalog number.



- **ACTIVE:** Most current offering within a product category.
- **ACTIVE MATURE:** Product is fully supported, but a newer product or family exists. Gain value by migrating.
- **END OF LIFE:** Discontinued date announced – actively execute migrations and last time buys. Product generally orderable until the discontinued date.¹
- **DISCONTINUED:** New product no longer manufactured or procured.² Repair/exchange services may be available.

1 - Outages on specific items may occur prior to the Discontinued date.

2 - Limited stock may be available in run-out mode, regionally.

LISTEN.
THINK.
SOLVE.

100-E Catalog Scheme

This catalog number charts provides a general guide to creating a 100-E catalog number to match your application. Not all possible combinations are valid.

Bulletin No. Contactor Size Control Voltage Aux. Contact Configuration Options

Bulletin Number

MCS-E Contactor	100-E
MCS-E Reversing Contactor	104-E
MCS-E Safety Contactor	100S-E

Contactor Size

AC-3, 400 / 415 V	100-E..
116 A	116
146 A	146
190 A	190
205 A	205
265 A	265
305 A	305
370 A	370
400 A	400
460 A	460
580 A	580
750 A	750
860 A	860
1060 A	1060
1260 A #	1260
2050 A #	2050
2650 A #	2650

AC-1 only

Control Voltage

Control Voltage	Sizes
24-60V AC/DC	KJ 116...370
48-130V AC/DC	KY 116...370
100-250V AC/DC	KD 116...370
250-500V AC/DC	KN 116...370
24-60V DC (w/ PLC input)	EJ 400...750, 1260
48-130V AC/DC (w/ PLC input)	EY 400...750, 1260
100-250V AC/DC (w/ PLC input)	ED 116...2650
250-500V AC/DC (w/ PLC input)	EN 116...750, 1260

Aux. Contact Configuration

100-E Contactors

Aux. Contacts		Reference Number
N.O.	N.C.	
1	1	11

104-E Reversing Contactors

Aux. Contacts		Reference Number
N.O.	N.C.	
2	2	22

100S-E Safety Contactors

Standard Aux. Contacts		Low Power Aux. Contacts		Reference Number
N.O.	N.C.	N.O.	N.C.	
1	1	0	1	12C

Catalog No. Example:

100-E 116 KD 11 L

Bulletin Number
Contactor Size
Control Voltage Code
Aux. Contact Code
Options

Options

Sizes

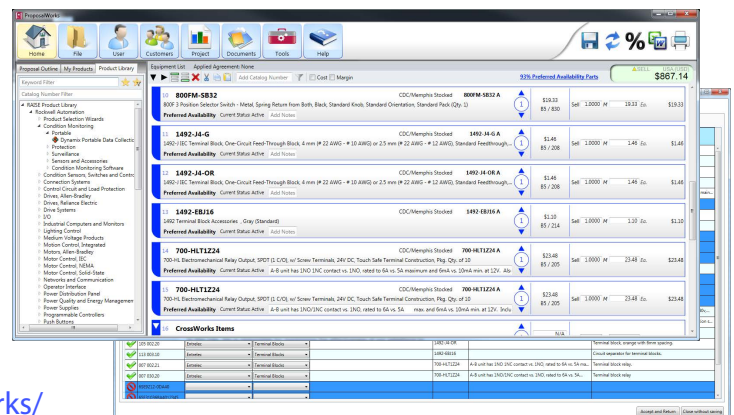
Options	Sizes	
Bar Connections	116...2650	blank
With Built-in Lugs	116...146	L

On-line catalog number conversion

Our CrossWorks™ online comparison tool enables you to enter any valid Bulletin 100-D or 100-G catalog number and obtain the replacement Bulletin 100-E number. You can also paste in lists from Microsoft Word or Excel for faster conversion of bills of materials or drawings.

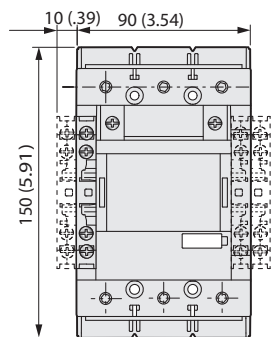
Go to:

<https://j6appsep.rockwellautomation.com/crossworks/>

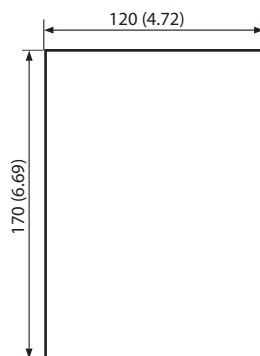


Approximate height and width comparisons: new 100-E contactors to equivalent 100-D/G contactors

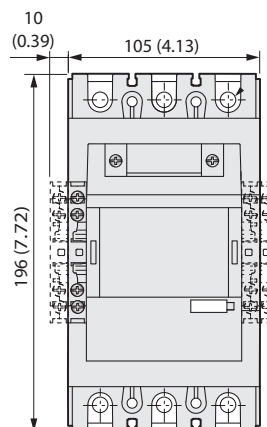
Dimensions are shown in millimeters (inches). Drawing scales vary by size of contactors and are intended to provide approximate visual comparisons only.



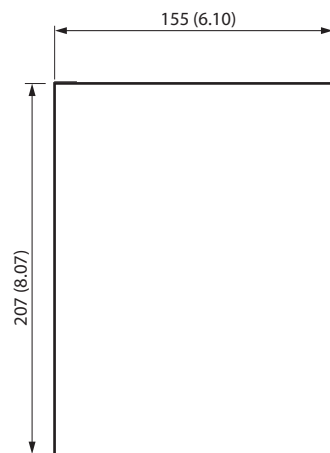
E116/146



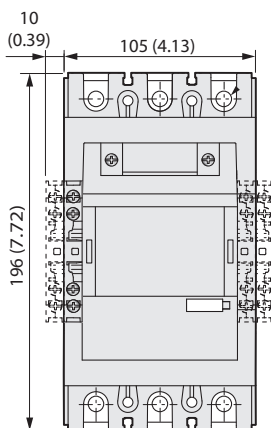
100-D115/140



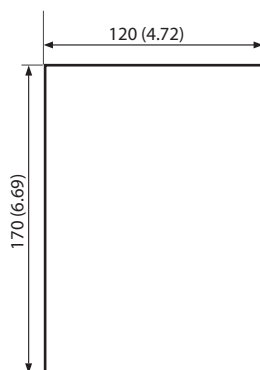
E205



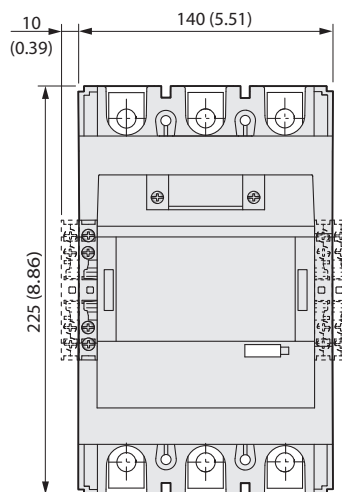
D210



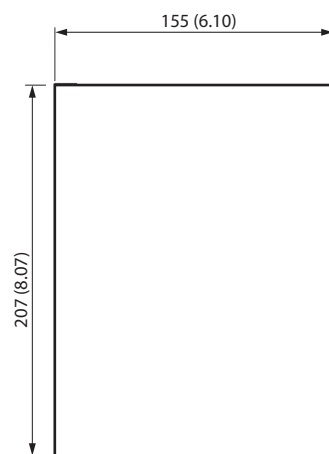
E190



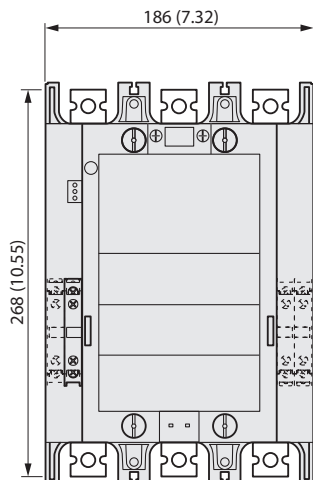
D180



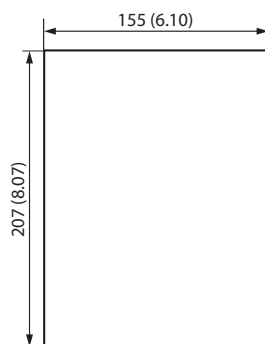
E265/305/370



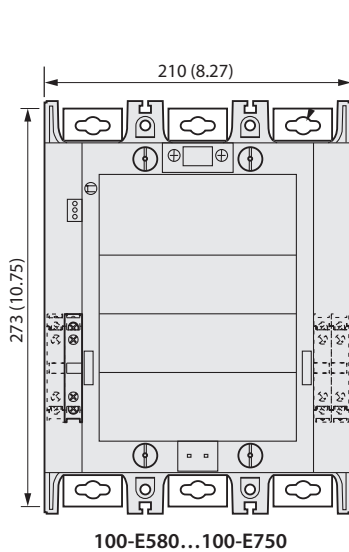
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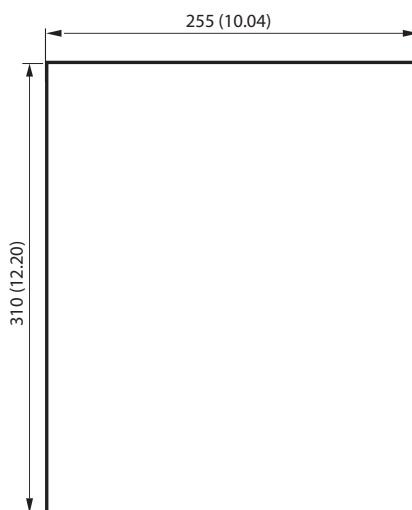
E400/460



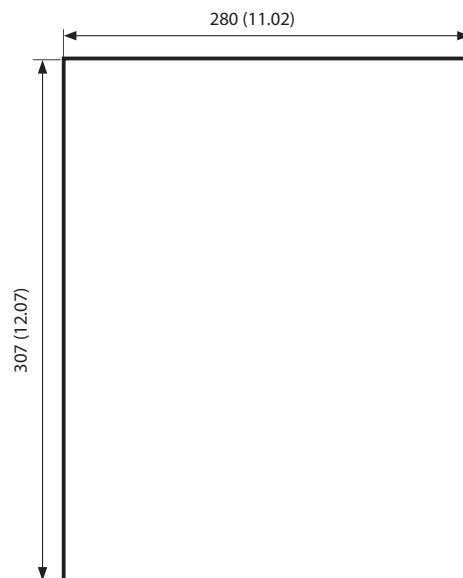
D420



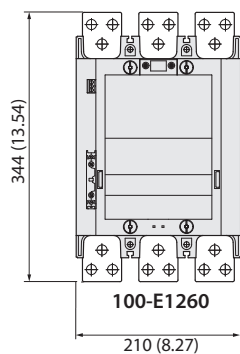
100-E580...100-E750



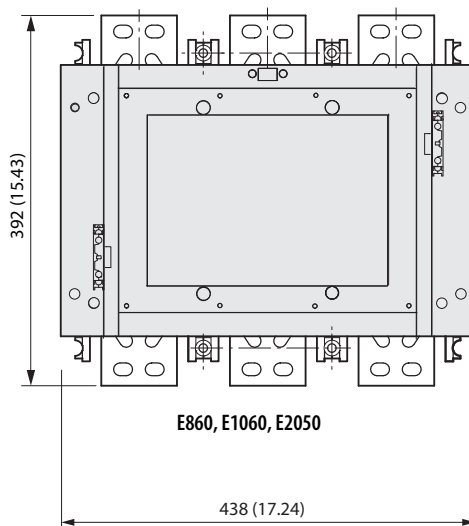
D630/860



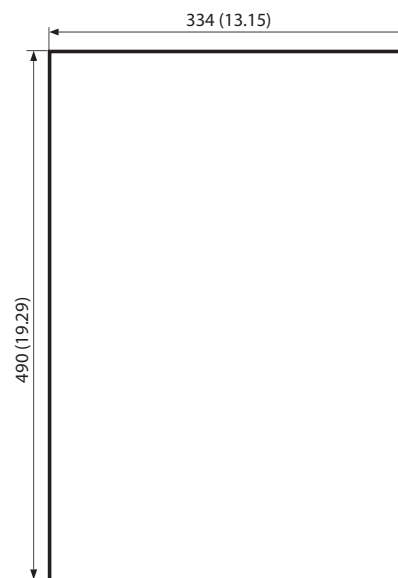
G860



100-E1260



E860, E1060, E2050



G1000/G1200

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