



# Finding the right NEMA control solution for your project



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# Can't find your solution online... Not a problem

Square D NEMA products offer a wide variety of features and accessories to best fit your project needs. Only common part number configurations are listed on our website, but that doesn't mean the solution you need isn't available. Your local authorized Square D distributor can create custom configurations on their SE Advantage interface, provide you a price and lead time, and can place the order with our plant. The following offers are available for configuration:

- NEMA Type S combination starters (class 8538, 8539, 8738, 8739)
- NEMA Type S non-combination starters (class 8536, 8736)
- NEMA Type S contactors (class 8502, 8702)
- NEMA lighting controls (class 8903)
- NEMA pump panels (class 8940, 8941)



## When a short lead time is important...

Contractors save time on the jobsite using custom configured NEMA products. However, on some jobs, time is of the essence. When a fast lead time is critical, consider using Pre-Configured Combination Starters. These starters include commonly requested features as standard, and often are in stock or have very short lead time. Available in size 00-2, these pre-configured combination starters include:

- Red-ON & Green-OFF LED pilot lights
- HAND-OFF-AUTO selector switch
- Field settable electronic overload protection
- Ready for general purpose, outdoor and dusty environments (Type 3R/12 enclosure)
- Additional auxiliary contacts and
- 120 V separate control voltage

| Stocked Pre-Configured | Description                                                                              |
|------------------------|------------------------------------------------------------------------------------------|
| 8538SCASP1             | 240VAC combo starter size 1 120VAC coil melting alloy overload relay type 3R/12 enclosed |
| 8538SCASP3             | 600VAC combo starter size 1 120VAC coil melting alloy overload relay type 3R/12 enclosed |
| 8538SCASP4             | 240VAC combo starter size 1 120VAC coil electronic overload relay type 3R/12 enclosed    |
| 8538SCASP5             | 240VAC combo starter size 1 120VAC coil electronic overload relay type 3R/12 enclosed    |
| 8538SCASP6             | 600VAC combo starter size 1 120VAC coil electronic overload relay type 3R/12 enclosed    |
| 8538SDASP2             | 600VAC combo starter size 2 120VAC coil melting alloy overload relay type 3R/12 enclosed |
| 8538SDASP3             | 600VAC combo starter size 2 120VAC coil melting alloy overload relay type 3R/12 enclosed |
| 8538SDASP4             | 240VAC combo starter size 2 120VAC coil electronic overload relay type 3R/12 enclosed    |
| 8538SDASP6             | 600VAC combo starter size 2 120VAC coil electronic overload relay type 3R/12 enclosed    |
| 8539SCASP3             | MCP combo starter size 1 120VAC coil melting alloy overload relay type 3R/12 enclosed    |
| 8539SCASP6             | MCP combo starter size 1 120VAC coil electronic overload relay type 3R/12 enclosed       |

## Another option when a short lead time is important...

Consider ordering field installable kits to add the desired features to a common starter product. Often common starters and field installable kits are in stock or have short lead time. The list of field installable accessory kits is listed in Section 16 of the Square D Digest. Your local authorized Square D distributor can work with you to select the parts needed, provide you with pricing and lead time information, and place your order for you.

Below are commonly stock part numbers. Note that stocking levels are subject to change by region. Verify stock level when selecting solutions based on availability.

| Stocked Non-combo's | Description                                                              |
|---------------------|--------------------------------------------------------------------------|
| 8536SAG12V02H30S    | starter size 00 120VAC coil electronic overload relay type 1 enclosed    |
| 8536SAG12V02S       | starter size 00 120VAC coil melting alloy overload relay type 1 enclosed |
| 8536SAG12V03        | starter size 00 240VAC coil melting alloy overload relay type 1 enclosed |
| 8536SAG12V06        | starter size 00 480VAC coil melting alloy overload relay type 1 enclosed |
| 8536SAG12V08        | starter size 00 208VAC coil melting alloy overload relay type 1 enclosed |
| 8536SBG1V02         | starter size 0 120VAC coil melting alloy overload relay type 1 enclosed  |
| 8536SBG1V02S        | starter size 0 120VAC coil melting alloy overload relay type 1 enclosed  |
| 8536SBG1V03         | starter size 0 240VAC coil melting alloy overload relay type 1 enclosed  |
| 8536SBG2V02H30S     | starter size 0 120VAC coil electronic overload relay type 1 enclosed     |
| 8536SBG2V02S        | starter size 0 120VAC coil melting alloy overload relay type 1 enclosed  |
| 8536SBG2V03         | starter size 0 240VAC coil melting alloy overload relay type 1 enclosed  |
| 8536SBG2V06         | starter size 0 480VAC coil melting alloy overload relay type 1 enclosed  |
| 8536SBG2V08         | starter size 0 208VAC coil melting alloy overload relay type 1 enclosed  |
| 8536SBG2V08H30      | starter size 0 208VAC coil electronic overload relay type 1 enclosed     |
| 8536SCG2V02         | starter size 1 120VAC coil melting alloy overload relay type 1 enclosed  |
| 8536SCG2V03         | starter size 1 240VAC coil melting alloy overload relay type 1 enclosed  |
| 8536SCG3V02H30S     | starter size 1 120VAC coil electronic overload relay type 1 enclosed     |
| 8536SCG3V02S        | starter size 1 120VAC coil melting alloy overload relay type 1 enclosed  |
| 8536SCG3V03         | starter size 1 240VAC coil melting alloy overload relay type 1 enclosed  |
| 8536SCG3V06         | starter size 1 480VAC coil melting alloy overload relay type 1 enclosed  |
| 8536SCG3V08         | starter size 1 208VAC coil melting alloy overload relay type 1 enclosed  |
| 8536SCG3V08H30      | starter size 1 208VAC coil electronic overload relay type 1 enclosed     |
| 8536SDG1V02H30S     | starter size 2 120VAC coil electronic overload relay type 1 enclosed     |
| 8536SDG1V02S        | starter size 2 120VAC coil melting alloy overload relay type 1 enclosed  |
| 8536SDG1V03         | starter size 2 240VAC coil melting alloy overload relay type 1 enclosed  |

| Stocked Non-combo's | Description                                                             |
|---------------------|-------------------------------------------------------------------------|
| 8536SDG1V06         | starter size 2 480VAC coil melting alloy overload relay type 1 enclosed |
| 8536SEG1V02S        | starter size 3 120VAC coil melting alloy overload relay type 1 enclosed |
| 8536SFG1V02S        | starter size 4 120VAC coil melting alloy overload relay type 1 enclosed |

| Stocked Combo, Pump & Lighting | Description                                                                             |
|--------------------------------|-----------------------------------------------------------------------------------------|
| 8538SBG12V02S                  | 240VAC combo starter size 0 120VAC coil melting alloy overload relay type 1 enclosed    |
| 8538SBG13V02S                  | 600VAC combo starter size 0 120VAC coil melting alloy overload relay type 1 enclosed    |
| 8538SCG11V02S                  | non-fused combo starter size 1 120VAC coil melting alloy overload relay type 1 enclosed |
| 8538SCG14V02S                  | 600VAC combo starter size 1 120VAC coil melting alloy overload relay type 1 enclosed    |
| 8903LG1000V02                  | electrically held lighting contactor 30 amp 120VAC coil 10 pole type 1 enclosed         |
| 8903LG1200V02                  | electrically held lighting contactor 30 amp 120VAC coil 12 pole type 1 enclosed         |
| 8903LG20V02                    | electrically held lighting contactor 30 amp 120VAC coil 2 pole type 1 enclosed          |
| 8903LG30V02                    | electrically held lighting contactor 30 amp 120VAC coil 3 pole type 1 enclosed          |
| 8903LG40V02                    | electrically held lighting contactor 30 amp 120VAC coil 4 pole type 1 enclosed          |
| 8903LG40V04                    | electrically held lighting contactor 30 amp 277VAC coil 4 pole type 1 enclosed          |
| 8903LG60V02                    | electrically held lighting contactor 30 amp 120VAC coil 6 pole type 1 enclosed          |
| 8903LG60V04                    | electrically held lighting contactor 30 amp 277VAC coil 6 pole type 1 enclosed          |
| 8903LG80V02                    | electrically held lighting contactor 30 amp 120VAC coil 8 pole type 1 enclosed          |
| 8903LXG1200V02                 | mechanically held lighting contactor 30 amp 120VAC coil 12 pole type 1 enclosed         |
| 8903LXG20V02                   | mechanically held lighting contactor 30 amp 120VAC coil 2 pole type 1 enclosed          |
| 8903LXG40V02                   | mechanically held lighting contactor 30 amp 120VAC coil 4 pole type 1 enclosed          |
| 8903LXG60V02                   | mechanically held lighting contactor 30 amp 120VAC coil 6 pole type 1 enclosed          |
| 8903LXG80V02                   | mechanically held lighting contactor 30 amp 120VAC coil 8 pole type 1 enclosed          |

| Stocked Combo, Pump & Lighting | Description                                                                     |
|--------------------------------|---------------------------------------------------------------------------------|
| 8903SMG2V02                    | electrically held lighting contactor 30 amp 120VAC coil 3 pole type 1 enclosed  |
| 8903SQG2V02                    | electrically held lighting contactor 100 amp 120VAC coil 3 pole type 1 enclosed |
| 8940SSC4010                    | pump panel size 1 480VAC coil electronic overload relay type 3R enclosed        |
| 8940SSD2015                    | pump panel size 2 240VAC coil electronic overload relay type 3R enclosed        |
| 8940SSD4025                    | pump panel size 2 480VAC coil electronic overload relay type 3R enclosed        |
| 8940SSD4030                    | pump panel size 2 480VAC coil electronic overload relay type 3R enclosed        |
| 8940SSE2030L9                  | pump panel size 3 240VAC coil electronic overload relay type 3R enclosed        |
| 8940SSE4050                    | pump panel size 3 480VAC coil electronic overload relay type 3R enclosed        |
| 8940SSE4050L9                  | pump panel size 3 480VAC coil electronic overload relay type 3R enclosed        |
| 8940SSF4100L9                  | pump panel size 4 480VAC coil electronic overload relay type 3R enclosed        |

| Accessories & Kits | Description                                                    |
|--------------------|----------------------------------------------------------------|
| 9065SF020          | electronic overload relay 6 to 18 amp for size 0               |
| 9065SF120          | electronic overload relay 9 to 27 amp for size 1               |
| 9065SF220          | electronic overload relay 15 to 45 amp for size 2              |
| 9065SF320          | electronic overload relay 30 to 90 amp for size 3              |
| 9065SF420          | electronic overload relay 45 to 135 amp for size 4             |
| 9065SFB20          | electronic overload relay 1.5 to 4.5 amp for size 00           |
| 9065SFC20          | electronic overload relay 3 to 9 amp for size 00               |
| 9065ST220          | replacement electronic overload relay 15 to 45 amp for size 3  |
| 9065ST320          | replacement electronic overload relay 30 to 90 amp for size 3  |
| 9065ST420          | replacement electronic overload relay 45 to 135 amp for size 4 |
| 9065ST520          | replacement electronic overload relay 90 to 270 amp for size 5 |
| 9991SCG8           | non-combo enclosure for class 8536 starter size 00-1           |
| 9998SO1            | NC contact for overload relay                                  |
| 9999AC04           | alarm contacts for electronic overload relay                   |



| Accessories & Kits | Description                                          |
|--------------------|------------------------------------------------------|
| 9999RR04           | remote reset for electronic overload relay           |
| 9999SA2            | START-STOP pushbutton for 8538, 8539, 8903 size 00-3 |
| 9999SA3            | START-STOP pushbutton for 8538, 8539, 8903 size 4-7  |
| 9999SC2            | HAND-OFF-AUTO switch for 8538, 8539, 8903 size 00-3  |
| 9999SC22           | ON-OFF switch for 8538, 8539, 8903 size 00-3         |
| 9999SC8            | HAND-OFF-AUTO switch for 8538, 8539, 8903 size 4-7   |
| 9999SO4            | alarm contacts for melting alloy overload relay      |
| 9999SPL28R         | red LED pilot light for 8538, 8539, 8903             |
| 9999ST1            | transient suppressor for size 00-2 120VAC            |
| 9999ST2            | transient suppressor for size 3-5 120VAC             |
| 9999SX11           | 1NO aux contact for size 00-2                        |
| 9999SX12           | 1NC aux contact for size 00-2                        |
| 9999SX6            | 1NO field convertible aux contact for size 00-7      |
| 9999SX7            | NC field convertible aux contact for size 00-7       |
| 9999SX8            | 1NO-1NC field convertible aux contact for size 00-7  |
| 9999TC10           | 1NO-1NC aux contact for 8538 disconnect switch       |

## FAQ's

Q: Can I create my own configuration?

A: The configurators are only available to authorized distributors using SE Advantage. Contact your local Square D distributor to configure and price the solution for your needs.

Q: What is the lead time for a custom configuration?

A: Lead time depends on the devices/features selected in the configuration. Typical lead times can vary from 10 days to several weeks depending on the configuration.

Q: What if I need product quickly?

A: Consider using pre-configured combination starters that include the most commonly requested features. Alternatively, consider buying common models and add field installable kits.

Q: How will I know if a product is common or not?

A: Your authorized Square D distributor can help you define selection options and can also advise product availability.

Q: How can I locate a distributor?

A: You can locate authorized Square D distributors at [www.se.com](http://www.se.com). [CLICK HERE](#) to access directly.

Q: What information do I need to provide to build a configuration?

A: Use the following guides available at [www.se.com](http://www.se.com) to build a custom NEMA control solution. [CLICK HERE](#) for direct access.

Q: Are custom starter configurations available for the TeSys Deca IEC motor starters?

A: Yes, custom configurations for IEC starters are also available. Contact your authorized Square D distributor to build your solution, get pricing and lead time, and place your order.

[Custom configuration example part numbers](#)



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