

# Single Rectifier (Ideal Diode) Part Numbering Guide

$$\begin{array}{cccccccc} \text{SR} & \text{M} & \text{41} & \text{B} & - & \text{300} & - & \text{B} & \text{L} & - & \text{XXXX} \\ 1 & 2 & 3 & 4 & & 5 & & 6 & 7 & & 8 \end{array}$$

*Example part is a Single Rectifier, Medium Package, Generation 4.1, 24 volt system, 300 amps, All LEDS, Active-low non-isolated Combine trigger, no specification code*

## 1: Unit Type

SR – Single Rectifier (Ideal Diode)

## 2: Enclosure Size

S - Small Enclosure  
M - Medium Enclosure  
L - Large Enclosure

Enclosure size is selected by the manufacturer based upon amperage capability. If a specific package is required, contact the manufacturer for guidance.

## 3: Generation Number

41 - Generation 4.1

## 4: Nominal Voltage Rating

A - 12VDC  
B - 24VDC

## 5: Continuous Current Rating

050-300 in 50 A increments, 400a, 500a, and 600a

For continuous current levels in excess of 600 amps, please contact us for custom engineering services.

## 6: LED Options

A – De-activated  
B – All (factory default, both on-board LEDS and external LEDS active)  
C – External LEDS Activated (on-board LEDS de-activated)  
D – Eliminated and not present on package

## 7: Combine Trigger Options

<b>X</b> – Combine trigger disabled / not needed	<b>L</b> – Active-low non-isolated Combine trigger
<b>H</b> – Active-high non-isolated Combine trigger	

## 8: Specification Code

Optional 4 digit code for orders that have special requirements beyond those listed above.  
Default is omitted and manufacturer will add these as needed.