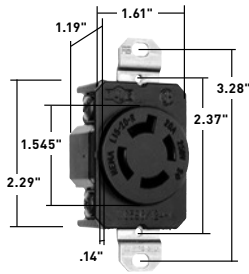


# INDUSTRIAL SPEC GRADE TURNLOK® LOCKING DEVICES

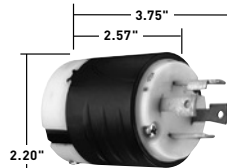
**20 Amp NEMA L1420, L1520 & L1620** 3 Pole, 4 Wire 20A, 125/250V; 3ø, 250 & 480V



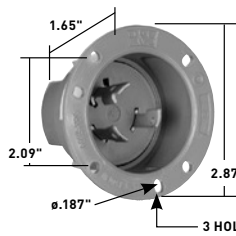
**20A Receptacle**



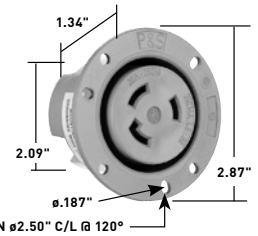
**20A Connector**



**20A Plug**

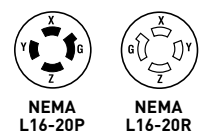
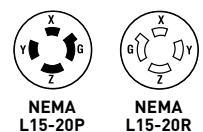
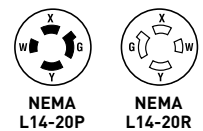


**20A Flanged Inlet & Outlet**



| CATALOG<br>NUMBER           | RATING |         | DESCRIPTION/COLOR                                     | CORD<br>DIAMETER | NEMA<br>CONFIG.<br>NO. | 3rd PARTY COMPLIANCE                                                                     |               |                                                                                         |
|-----------------------------|--------|---------|-------------------------------------------------------|------------------|------------------------|------------------------------------------------------------------------------------------|---------------|-----------------------------------------------------------------------------------------|
|                             | A.     | V.      |                                                       |                  |                        |  UL498 | FSUL<br>WC596 |  CSA |
| RECEPTACLES                 |        |         |                                                       |                  |                        |                                                                                          |               |                                                                                         |
| L1420R                      | 20     | 125/250 | Single Receptacle                                     |                  | L14-20R                | •                                                                                        | •             | •                                                                                       |
| L1420RR                     | 20     | 125/250 | Single Receptacle, Red                                |                  | L14-20R                | •                                                                                        | •             | •                                                                                       |
| IGL1420R                    | 20     | 125/250 | Single Receptacle, Orange,<br>Isolated Ground         |                  | L14-20R                | •                                                                                        |               | •                                                                                       |
| L1520R                      | 20     | 3ø, 250 | Single Receptacle                                     |                  | L15-20R                | •                                                                                        | •             | •                                                                                       |
| IGL1520R                    | 20     | 3ø, 250 | Single Receptacle, Orange,<br>Isolated Ground         |                  | L15-20R                | •                                                                                        |               | •                                                                                       |
| L1620R                      | 20     | 3ø, 480 | Single Receptacle                                     |                  | L16-20R                | •                                                                                        | •             | •                                                                                       |
| IGL1620R                    | 20     | 3ø, 480 | Single Receptacle, Orange,<br>Isolated Ground         |                  | L16-20R                | •                                                                                        |               | •                                                                                       |
| CONNECTORS IP20 SUITABILITY |        |         |                                                       |                  |                        |                                                                                          |               |                                                                                         |
| L1420C                      | 20     | 125/250 | Black Back, White Front Body                          | .225"-1.150"     | L14-20R                | •                                                                                        | •             | •                                                                                       |
| CRL1420C                    | 20     | 125/250 | Yellow Back, White Front Body,<br>Corrosion-Resistant | .225"-1.150"     | L14-20R                | •                                                                                        | •             | •                                                                                       |
| L1520C                      | 20     | 3ø, 250 | Black Back, White Front Body                          | .225"-1.150"     | L15-20R                | •                                                                                        | •             | •                                                                                       |
| L1520CBK                    | 20     | 3ø, 250 | Black Back, Black Front Body                          | .225"-1.150"     | L15-20R                | •                                                                                        | •             | •                                                                                       |
| L1620C                      | 20     | 3ø, 480 | Black Back, White Front Body                          | .225"-1.150"     | L16-20R                | •                                                                                        | •             | •                                                                                       |
| PLUGS IP20 SUITABILITY      |        |         |                                                       |                  |                        |                                                                                          |               |                                                                                         |
| L1420P                      | 20     | 125/250 | Black Back, White Front Body                          | .225"-1.150"     | L14-20P                | •                                                                                        | •             | •                                                                                       |
| CRL1420P                    | 20     | 125/250 | Yellow Back, White Front Body,<br>Corrosion-Resistant | .225"-1.150"     | L14-20P                | •                                                                                        | •             | •                                                                                       |
| L1520P                      | 20     | 3ø, 250 | Black Back, White Front Body                          | .225"-1.150"     | L15-20P                | •                                                                                        | •             | •                                                                                       |
| L1520PBK                    | 20     | 3ø, 250 | Black Back, Black Front Body                          | .225"-1.150"     | L15-20P                | •                                                                                        | •             | •                                                                                       |
| L1620P                      | 20     | 3ø, 480 | Black Back, White Front Body                          | .225"-1.150"     | L16-20P                | •                                                                                        | •             | •                                                                                       |
| FLANGED INLETS & OUTLETS    |        |         |                                                       |                  |                        |                                                                                          |               |                                                                                         |
| L1420FI                     | 20     | 125/250 | Gray Inlet                                            |                  | L14-20P                | •                                                                                        |               | •                                                                                       |
| L1420FO                     | 20     | 125/250 | Gray Outlet                                           |                  | L14-20R                | •                                                                                        |               | •                                                                                       |
| L1520FI                     | 20     | 3ø, 250 | Gray Inlet                                            |                  | L15-20P                | •                                                                                        |               | •                                                                                       |
| L1520FO                     | 20     | 3ø, 250 | Gray Outlet                                           |                  | L15-20R                | •                                                                                        |               | •                                                                                       |
| L1520FIBK                   | 20     | 3ø, 250 | Black Inlet                                           |                  | L15-20P                | •                                                                                        |               | •                                                                                       |
| L1520FOBK                   | 20     | 3ø, 250 | Black Outlet                                          |                  | L15-20R                | •                                                                                        |               | •                                                                                       |
| L1620FI                     | 20     | 3ø, 480 | Gray Inlet                                            |                  | L16-20P                | •                                                                                        |               | •                                                                                       |
| L1620FO                     | 20     | 3ø, 480 | Gray Outlet                                           |                  | L16-20R                | •                                                                                        |               | •                                                                                       |

Reference Pages H-34 and H-35 for Accessories.



# TECHNICAL SPECIFICATIONS

## 20A Turnlok® Connectors

### Typical Specifications

Manufacturer's Identification: Pass & Seymour® L520C

Description: Locking Connector, Power Supply

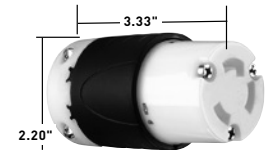
Type: 2 Pole, 3 Wire Grounding

Rating: 20A, 125V

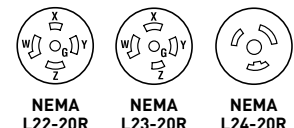
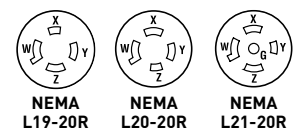
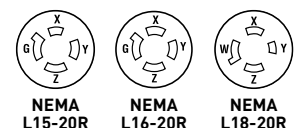
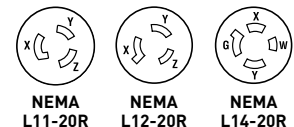
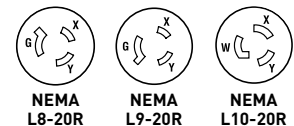
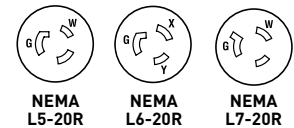
Configuration: NEMA L5-20R

3rd Party Compliance: UL Listed, File Number E146159, Standard UL498, Attachment Plugs and Receptacles. Federal Specification WC596. CSA Certified, File Number LR1765, Standard CSA-C22.2 No. 42, General Use Receptacles and Attachment Plugs. Conforms to NEMA WD-1 and WD-6.

| AMPS | CATALOG NUMBER | NEMA CONFIG. NO. | AMPS | CATALOG NUMBER | NEMA CONFIG. NO. |
|------|----------------|------------------|------|----------------|------------------|
| 20   | ☐ L520C        | L5-20R           | 20   | ☐ CRL1420C     | L14-20R          |
| 20   | ☐ L520CBK      | L5-20R           | 20   | ☐ L1520C       | L15-20R          |
| 20   | ☐ CRL520C      | L5-20R           | 20   | ☐ L1520CBK     | L15-20R          |
| 20   | ☐ L620C        | L6-20R           | 20   | ☐ L1620C       | L16-20R          |
| 20   | ☐ CRL620C      | L6-20R           | 20   | ☐ L1820C       | L18-20R          |
| 20   | ☐ L720C        | L7-20R           | 20   | ☐ L1920C       | L19-20R          |
| 20   | ☐ L820C        | L8-20R           | 20   | ☐ L2020C       | L20-20R          |
| 20   | ☐ L920C        | L9-20R           | 20   | ☐ L2120C       | L21-20R          |
| 20   | ☐ L1020C       | L10-20R          | 20   | ☐ L2220C       | L22-20R          |
| 20   | ☐ L1120C       | L11-20R          | 20   | ☐ L2320C       | L23-20R          |
| 20   | ☐ L1220C       | L12-20R          | 20   | ☐ L3720C       | L24-20R          |
| 20   | ☐ L1420C       | L14-20R          | 20   | ☐ 7313SS       | Non-NEMA         |



20A Connector



### Performance

#### Electrical

Dielectric Withstand Voltage: 2200V minimum

Maximum Working Voltage: 600VAC

Current Interrupting: Certified for current interrupting at full-rated current

Temperature Rise: 30°C maximum after 50 cycles at 150% rated current

#### Mechanical

Cord Accommodations: Round portable service cords of diameters in accordance with the device rating as defined in UL62

Cord Grip Accommodations: All are .225"–1.150" diameter

Terminal Identification: "GR" and Green Color = Ground, "WH" and White Color = Neutral, "X", "Y", "Z" = Hot

Terminal Accommodation: #18 AWG min. – #8 AWG max.

Product Identification: Amperage, Voltage, 3rd Party Compliance, NEMA Configuration hot stamped onto device

#### Environmental

Flammability: UL94 V2

Operating Temperature: Maximum continuous +75°C, minimum -40°C without impact

### Materials

|                    | Standard            | Corrosion-Resistant |
|--------------------|---------------------|---------------------|
| Back Body:         | Super Tough Nylon   | Super Tough Nylon   |
| Front Body:        | Nylon               | Nylon               |
| Terminal Chamber:  | Polycarbonate       | Polycarbonate       |
| Cord Clamp:        | Nylon               | Nylon               |
| Insert:            | Nylon               | Nylon               |
| Dust Cover:        | Neoprene            | Neoprene            |
| Contacts:          | Brass               | Nickel-Plated Brass |
| Terminal Clamp:    | Nickel-Plated Steel | Nickel-Plated Steel |
| Terminal Screws:   | Brass               | Nickel-Plated Brass |
| Ground Screws:     | Brass               | Nickel-Plated Brass |
| Cord Clamp Screws: | Nickel-Plated Steel | Nickel-Plated Steel |
| Assembly Screws:   | Nickel-Plated Steel | Nickel-Plated Steel |

Consult Turnlok® Section G for complete compliance listing.

|                      |
|----------------------|
| <b>Project</b>       |
| <b>Location/Type</b> |