



## ORION PART NUMBER CODE:

|         | 1 | 2 | 3 | 4 | 5 | 6  | 7  |
|---------|---|---|---|---|---|----|----|
| Example | 2 | 4 | 1 | 3 | 1 | 67 | 01 |

3 Conductors Unshielded, 14 Gauge, SJT, 5-15P Straight, C-13 Straight, 6'7", Black

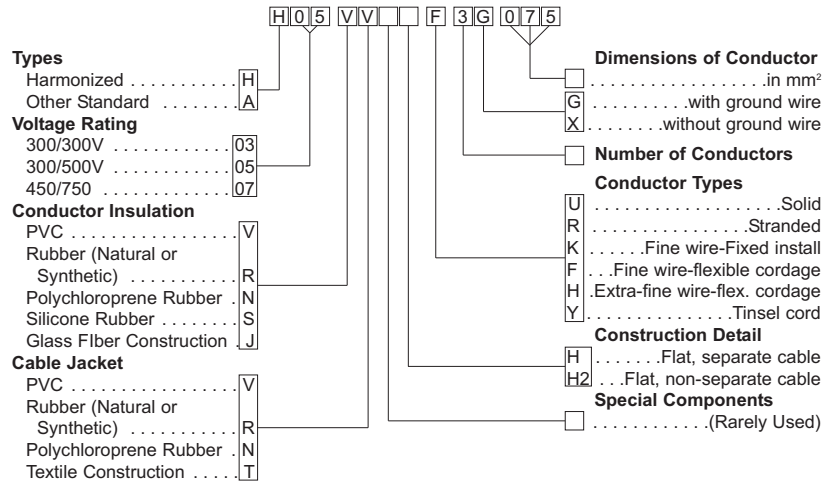
- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>1: Number of Conductors</p> <p>1 = 2 Conductors</p> <p>2 = 3 Conductors Unshielded</p> <p>3 = 3 Conductors Shielded</p> <p>2: AWG</p> <p>2 = 12 Gauge</p> <p>4 = 14 Gauge</p> <p>6 = 16 Gauge</p> <p>8 = 18 Gauge</p> <p>A = .75mm</p> <p>B = 1.0mm</p> <p>C = 1.5mm</p> <p>3: Cord Type:</p> <p>1 = SJT</p> <p>2 = SVT</p> <p>3 = SPT-1</p> <p>4 = SJO</p> <p>6 = H03VV-F</p> <p>7 = H03VVH2-F</p> <p>8 = H05VV-F</p> <p>4: Plug</p> <p>0 = None</p> <p>1 = 1-15 Standard</p> <p>2 = 1-15P Polarized</p> <p>3 = 5-15P Straight</p> <p>4 = 5-15P Right Angle</p> <p>5 = 5-15P Hospital Grade Clear</p> <p>6 = 5-15P Hospital Grade Gray</p> <p>7 = C-14</p> <p>8 = 6-15P</p> <p>9 = 5-20P</p> <p>A = 003A Europe</p> <p>B = 006B Europe</p> <p>C = 010 Europe</p> <p>D = 010A Europe</p> <p>E = 012A UK</p> <p>F = 015 Australia</p> <p>G = 019 Europe</p> | <p>5: Connector</p> <p>0 = None</p> <p>1 = C-13 Straight</p> <p>2 = C-13 Right Angle</p> <p>3 = C-14</p> <p>4 = C-15</p> <p>5 = C-19</p> <p>6 = C-17</p> <p>7 = 022A</p> <p>8 = 002-2</p> <p>6: Length</p> <p>18 = 1'8"</p> <p>33 = 3'3"</p> <p>50 = 5'0"</p> <p>60 = 6'0"</p> <p>67 = 6'7"</p> <p>76 = 7'6"</p> <p>80 = 8'0"</p> <p>910 = 9'10"</p> <p>100 = 10'0"</p> <p>160 = 16'0"</p> <p>7: Color Code</p> <p>01 = Black</p> <p>02 = Brown</p> <p>03 = Gray</p> <p>05 = White</p> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## INTERNATIONAL CORDAGE TYPES

| Cord Type | AWG/Size | No. of Conductors | Temp. Std. | Rating °C Special | Voltage Rating | Description                                     |
|-----------|----------|-------------------|------------|-------------------|----------------|-------------------------------------------------|
| SJT       | 18 - 14  | 3                 | 60         | 75, 90, 105       | 300            | Service Junior Thermoplastic                    |
| SVT       | 18 - 14  | 3                 | 60         | 75, 90, 105       | 300            | Service Vacuum Thermoplastic                    |
| SPT-1     | 18       | 2 or 3            | 60         | 75, 90, 105       | 300            | Service Parallel Thermoplastic 1/64" Insulation |
| SPT-2     | 18 - 16  | 2 or 3            | 60         | 75, 90, 105       | 300            | Service Parallel Thermoplastic 2/64" Insulation |
| SPT-3     | 18 - 10  | 2 or 3            | 60         | 75, 90, 105       | 300            | Service Parallel Thermoplastic 3/64" Insulation |
| SJTW-A    | 18 - 14  | 3                 | 60         | 75, 90, 105       | 300            | Service Junior Thermoplastic - Outdoor Use      |
| HPN       | 18 - 16  | 2 or 3            | 90         | 105               | 300            | Heater Parallel Neoprene                        |

Note: SJ, SJD, SJTO, SO, SV and SVO cordage is available by special order. Minimums may apply.

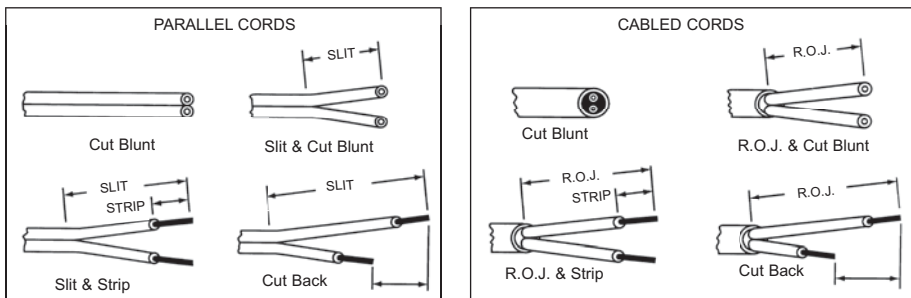
## INTERNATIONAL CORDAGE TYPES



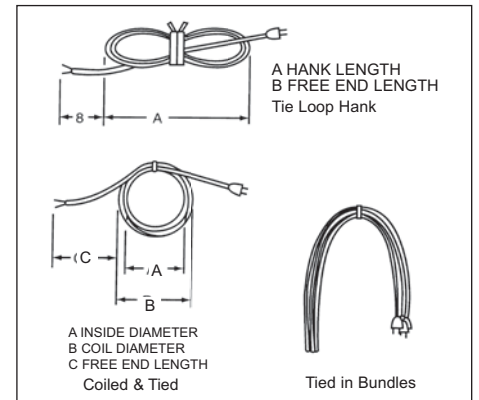
## INTERNATIONAL APPROVALS:



## END CUTS



## STANDARD PUT-UPS





## 2 CONDUCTOR POWER CORDS



| ORION Part Number | AWG | Cord Type | Length | NEMA Plug | NEMA Connector | Rating Amps @125VAC |
|-------------------|-----|-----------|--------|-----------|----------------|---------------------|
| 18320-60-01       | 18  | SPT-1     | 6'0"   | 1-15P     | —              | 10                  |
| 18320-90-01       | 18  | SPT-1     | 9'0"   | 1-15p     | —              | 10                  |

5-15



## 3 CONDUCTOR POWER CORDS UNSHIELDED



5-20



6-15



| ORION Part Number | AWG | Cord Type | Length | NEMA Plug | NEMA Connector | Rating Amps @125VAC |
|-------------------|-----|-----------|--------|-----------|----------------|---------------------|
| 24130-67-01       | 14  | SJT       | 6'7"   | 5-15P     | —              | 15                  |
| 24130-910-01      | 14  | SJT       | 9'10"  | 5-15P     | —              | 15                  |
| 26130-67-01       | 16  | SJT       | 6'7"   | 5-15P     | —              | 13                  |
| 26130-910-01      | 16  | SJT       | 9'10"  | 5-15P     | —              | 13                  |
| 26180-910-01      | 16  | SJT       | 9'10"  | 6-15P     | —              | 13                  |
| 26190-910-01      | 16  | SJT       | 9'10"  | 5-20P     | —              | 13                  |
| 28180-910-01      | 18  | SJT       | 9'10"  | 6-15P     | —              | 13                  |
| 28190-910-01      | 18  | SJT       | 9'10"  | 5-20P     | —              | 13                  |
| 28130-67-01       | 18  | SJT       | 6'7"   | 5-15P     | —              | 10                  |
| 28130-80-01       | 18  | SJT       | 8'0"   | 5-15P     | —              | 10                  |
| 28130-910-01      | 18  | SJT       | 9'10"  | 5-15P     | —              | 10                  |
| 28230-67-01       | 18  | SVT       | 6'7"   | 5-15P     | —              | 10                  |
| 28230-910-01      | 18  | SVT       | 9'10"  | 5-15P     | —              | 10                  |



| ORION Part Number | AWG | Cord Type | Length | NEMA Plug | NEMA Connector | Rating Amps @125VAC |
|-------------------|-----|-----------|--------|-----------|----------------|---------------------|
| 24131-67-01       | 14  | SJT       | 6'7"   | 5-15P     | C-13           | 15                  |
| 24131-910-01      | 14  | SJT       | 9'10"  | 5-15P     | C-13           | 15                  |
| 26131-67-01       | 16  | SJT       | 6'7"   | 5-15P     | C-13           | 13                  |
| 26131-76-01       | 16  | SJT       | 7'6"   | 5-15P     | C-13           | 13                  |
| 26131-910-01      | 16  | SJT       | 9'10"  | 5-15P     | C-13           | 13                  |
| 28131-67-01       | 18  | SJT       | 6'7"   | 5-15P     | C-13           | 10                  |
| 28131-76-01       | 18  | SJT       | 7'6"   | 5-15P     | C-13           | 10                  |
| 28131-910-01      | 18  | SJT       | 9'10"  | 5-15P     | C-13           | 10                  |
| 28231-76-01       | 18  | SVT       | 7'6"   | 5-15P     | C-13           | 10                  |
| 26151-80-03       | 16  | SJT       | 8'0"   | 5-15P     | C-13           | 13                  |
| 26151-100-03      | 16  | SJT       | 10'0"  | 5-15P     | C-13           | 13                  |
| 26161-80-03       | 16  | SJT       | 8'0"   | 5-15P     | C-13           | 13                  |
| 26161-100-03      | 16  | SJT       | 10'0"  | 5-15P     | C-13           | 13                  |
| 26161-140-03      | 16  | SJT       | 14'0"  | 5-15P     | C-13           | 13                  |



| ORION Part Number | AWG | Cord Type | Length | NEMA Plug | NEMA Connector | Rating Amps @125VAC |
|-------------------|-----|-----------|--------|-----------|----------------|---------------------|
| 28232-76-01       | 18  | SVT       | 7'6"   | 5-15P     | C-13           | 10                  |
| 26132-76-01       | 16  | SJT       | 7'6"   | 5-15P     | C-13           | 13                  |
| 28132-76-01       | 18  | SJT       | 7'6"   | 5-15P     | C-13           | 10                  |



## 3 CONDUCTOR POWER CORDS UNSHIELDED



| ORION Part Number | AWG | Cord Type | Length | NEMA Plug | NEMA Connector | Rating Amps @125VAC |
|-------------------|-----|-----------|--------|-----------|----------------|---------------------|
| 26171-33-01       | 16  | SJT       | 3'3"   | C-14      | C-13           | 13                  |
| 28171-33-01       | 18  | SJT       | 3'3"   | C-14      | C-13           | 10                  |
| 28271-33-01       | 18  | SVT       | 3'3"   | C-14      | C-13           | 10                  |



| ORION Part Number | AWG | Cord Type | Length | NEMA Plug | NEMA Connector | Rating Amps @125VAC |
|-------------------|-----|-----------|--------|-----------|----------------|---------------------|
| 26101-67-01       | 16  | SJT       | 6'7"   | —         | C-13           | 13                  |
| 26101-910-01      | 16  | SJT       | 9'10"  | —         | C-13           | 13                  |
| 28101-67-01       | 18  | SJT       | 6'7"   | —         | C-13           | 10                  |
| 28101-910-01      | 18  | SJT       | 9'10"  | —         | C-13           | 10                  |
| 28201-76-01       | 18  | SVT       | 7'6"   | —         | C-13           | 10                  |



| ORION Part Number | AWG | Cord Type | Length | NEMA Plug | NEMA Connector | Rating Amps @125VAC |
|-------------------|-----|-----------|--------|-----------|----------------|---------------------|
| 26102-67-01       | 16  | SJT       | 6'7"   | —         | C-13           | 13                  |
| 26102-910-01      | 16  | SJT       | 9'10"  | —         | C-13           | 13                  |
| 28102-67-01       | 18  | SJT       | 6'7"   | —         | C-13           | 10                  |
| 28102-910-01      | 18  | SJT       | 9'10"  | —         | C-13           | 10                  |

## 3 CONDUCTOR POWER CORDS HOSPITAL GRADE UNSHIELDED NORTH AMERICAN COLOR CODE



| ORION Part Number | AWG | Cord Type | Length | NEMA Plug | NEMA Connector | Rating Amps @125VAC |
|-------------------|-----|-----------|--------|-----------|----------------|---------------------|
| 28150-80-03       | 18  | SJT       | 8'0"   | 5-15P     | —              | 10                  |
| 28150-100-03      | 18  | SJT       | 10'0"  | 5-15P     | —              | 10                  |
| 28160-80-03       | 18  | SJT       | 8'0"   | 5-15P     | —              | 10                  |
| 28160-100-03      | 18  | SJT       | 10'0"  | 5-15P     | —              | 10                  |



| ORION Part Number | AWG | Cord Type | Length | NEMA Plug | NEMA Connector | Rating Amps @125VAC |
|-------------------|-----|-----------|--------|-----------|----------------|---------------------|
| 28151-80-03       | 18  | SJT       | 8'0"   | 5-15P     | C-13           | 10                  |
| 28151-100-03      | 18  | SJT       | 10'0"  | 5-15P     | C-13           | 10                  |
| 28161-80-03       | 18  | SJT       | 8'0"   | 5-15P     | C-13           | 10                  |
| 28161-100-03      | 18  | SJT       | 10'0"  | 5-15P     | C-13           | 10                  |



## 3 CONDUCTOR POWER CORDS SHIELDED



| ORION Part Number | AWG | Cord Type | Length | NEMA Plug | NEMA Connector | Rating Amps @125VAC |
|-------------------|-----|-----------|--------|-----------|----------------|---------------------|
| 34131-67-01       | 14  | SJT       | 6'7"   | 5-15P     | C-13           | 15                  |
| 34131-910-01      | 14  | SJT       | 9'10"  | 5-15P     | C-13           | 15                  |
| 36131-67-01       | 16  | SJT       | 6'7"   | 5-15P     | C-13           | 13                  |
| 36131-910-01      | 16  | SJT       | 9'10"  | 5-15P     | C-13           | 13                  |
| 38131-67-01       | 18  | SJT       | 6'7"   | 5-15P     | C-13           | 10                  |
| 38131-910-01      | 18  | SJT       | 9'10"  | 5-15P     | C-13           | 10                  |
| 38231-67-01       | 18  | SVT       | 6'7"   | 5-15P     | C-13           | 10                  |
| 38231-910-01      | 18  | SVT       | 9'10"  | 5-15P     | C-13           | 10                  |



| ORION Part Number | AWG | Cord Type | Length | NEMA Plug | NEMA Connector | Rating Amps @125VAC |
|-------------------|-----|-----------|--------|-----------|----------------|---------------------|
| 36132-67-01       | 16  | SJT       | 6'7"   | 5-15P     | C-13           | 13                  |
| 36132-910-01      | 16  | SJT       | 9'10"  | 5-15P     | C-13           | 13                  |
| 38132-67-01       | 18  | SJT       | 6'7"   | 5-15P     | C-13           | 10                  |
| 38132-910-01      | 18  | SJT       | 9'10"  | 5-15P     | C-13           | 10                  |
| 38232-67-01       | 18  | SVT       | 6'7"   | 5-15P     | C-13           | 10                  |
| 38232-910-01      | 18  | SVT       | 9'10"  | 5-15P     | C-13           | 10                  |



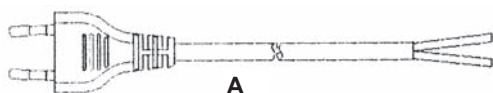
| ORION Part Number | AWG | Cord Type | Length | NEMA Plug | NEMA Connector | Rating Amps @125VAC |
|-------------------|-----|-----------|--------|-----------|----------------|---------------------|
| 36171-33-01       | 16  | SJT       | 3'3"   | C-14      | C-13           | 13                  |
| 38171-33-01       | 18  | SJT       | 3'3"   | C-14      | C-13           | 10                  |
| 38271-33-01       | 18  | SVT       | 3'3"   | C-14      | C-13           | 10                  |



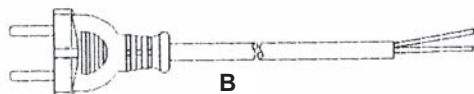
| ORION Part Number | AWG | Cord Type | Length | NEMA Plug | NEMA Connector | Rating Amps @125VAC |
|-------------------|-----|-----------|--------|-----------|----------------|---------------------|
| 36101-67-01       | 16  | SJT       | 6'7"   | —         | C-13           | 13                  |
| 36101-910-01      | 16  | SJT       | 9'10"  | —         | C-13           | 13                  |
| 38101-67-01       | 18  | SJT       | 6'7"   | —         | C-13           | 10                  |
| 38101-910-01      | 18  | SJT       | 9'10"  | —         | C-13           | 10                  |
| 38201-67-01       | 18  | SVT       | 6'7"   | —         | C-13           | 10                  |
| 38201-910-01      | 18  | SVT       | 9'10"  | —         | C-13           | 10                  |



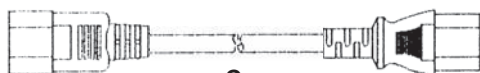
| ORION Part Number | AWG | Cord Type | Length | NEMA Plug | NEMA Connector | Rating Amps @125VAC |
|-------------------|-----|-----------|--------|-----------|----------------|---------------------|
| 36102-67-01       | 16  | SJT       | 6'7"   | —         | C-13           | 13                  |
| 36102-910-01      | 16  | SJT       | 9'10"  | —         | C-13           | 13                  |
| 38102-67-01       | 18  | SJT       | 6'7"   | —         | C-13           | 10                  |
| 38102-910-01      | 18  | SJT       | 9'10"  | —         | C-13           | 10                  |
| 38202-67-01       | 18  | SVT       | 6'7"   | —         | C-13           | 10                  |
| 38202-910-01      | 18  | SVT       | 9'10"  | —         | C-13           | 10                  |



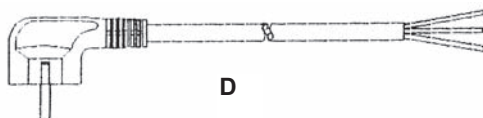
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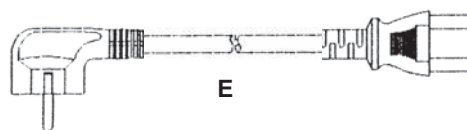
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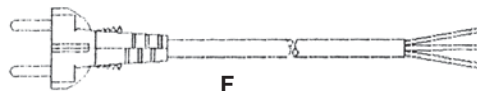
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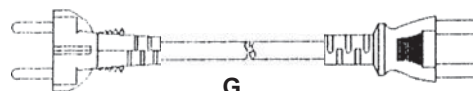
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E



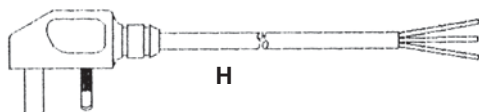
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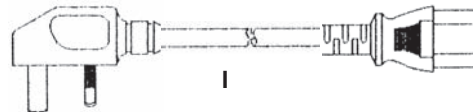
G

## EUROPE

| Fig. | ORION Number | Cond MM | Cord Type | Length | Plug | Conn  | Amps 250VAC |
|------|--------------|---------|-----------|--------|------|-------|-------------|
| A    | 1A6B020-01   | 2X.75   | H03VV-F   | 2.0M   | 006B | —     | 2.5         |
| B    | 1A7G020-01   | 2X.75   | H03VVH2-F | 2.0M   | 019  | —     | 6           |
| C    | 2B8A825-01   | 3X1.0   | H05VV-F   | 2.5M   | 003A | 002-2 | 10          |
| D    | 2B8C025-01   | 3X1.0   | H05VV-F   | 2.5M   | 010  | —     | 10          |
| E    | 2B8C825-01   | 3X1.0   | H05VV-F   | 2.5M   | 010  | 002-2 | 10          |
| F    | 2B8D025-01   | 3X1.0   | H05VV-F   | 2.5M   | 010A | —     | 10          |
| G    | 2B8D825-01   | 3X1.0   | H05VV-F   | 2.5M   | 010A | 002-2 | 10          |



H



I

## UNITED KINGDOM

| Fig. | ORION Number | Cond MM | Cord Type | Length | Plug | Conn  | Amps 250VAC |
|------|--------------|---------|-----------|--------|------|-------|-------------|
| H    | 2B8E025-01   | 3X1.00  | H05VV-F   | 2.5M   | 012A | —     | 10          |
| I    | 2B8E825-01   | 3X1.00  | H05VV-F   | 2.5M   | 012A | 002-2 | 10          |



J

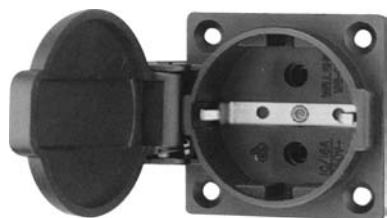


K

## AUSTRALIA

| Fig. | ORION Number | Cond MM | Cord Type | Length | Plug | Conn  | Amps 250VAC |
|------|--------------|---------|-----------|--------|------|-------|-------------|
| J    | 2B8F025-01   | 3X1.00  | H05VV-F   | 2.5M   | 015  | —     | 10          |
| K    | 2B8F825-01   | 3X1.00  | H05VV-F   | 2.5M   | 015  | 002-2 | 10          |

# RECEPTACLES



P/N: 023-C



P/N: 044-0  
C-18



P/N: 023-D



P/N: 044-1  
C-14



P/N: 042  
C-13



P/N: 044-2  
C-14



P/N: 042-1  
C-13



P/N: 044-3  
C-14



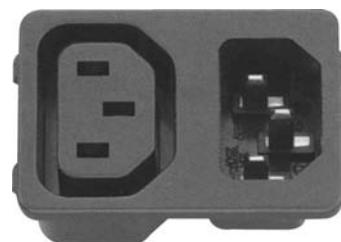
P/N: 043  
C-19



P/N: 044-4  
C-14



P/N: 044  
C-14



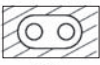
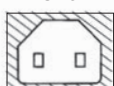
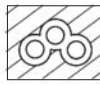
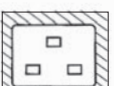
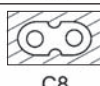
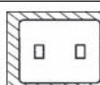
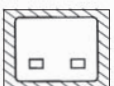
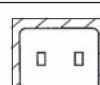
P/N: 044-5  
C-13 & C-14

# PLUG CONFIGURATIONS



NEMA

| VOLTAGE    | NEMA | 15 AMPERE  |      | 20 AMPERE  |      | 30 AMPERE  |      | 50 AMPERE  |      | 60 AMPERE  |      |
|------------|------|------------|------|------------|------|------------|------|------------|------|------------|------|
|            |      | Receptacle | Plug | Receptacle | Plug | Receptacle | Plug | Receptacle | Plug | Receptacle | Plug |
| 125V       | 1    |            |      |            |      |            |      |            |      |            |      |
| 250V       | 2    |            |      |            |      |            |      |            |      |            |      |
| 125V       | 5    |            |      |            |      |            |      |            |      |            |      |
| 250V       | 6    |            |      |            |      |            |      |            |      |            |      |
| 277V, A.C. | 7    |            |      |            |      |            |      |            |      |            |      |
| 125/250V   | 10   |            |      |            |      |            |      |            |      |            |      |
| 3Ø250V     | 11   |            |      |            |      |            |      |            |      |            |      |
| 125/250V   | 14   |            |      |            |      |            |      |            |      |            |      |
| 3Ø250V     | 15   |            |      |            |      |            |      |            |      |            |      |
| 3ØY        | 19   |            |      |            |      |            |      |            |      |            |      |
| VOLTAGE    | NEMA | 15 AMPERE  |      | 20 AMPERE  |      | 30 AMPERE  |      |            |      |            |      |
|            |      | Receptacle | Plug | Receptacle | Plug | Receptacle | Plug | Receptacle | Plug | Receptacle | Plug |
| 125V       | L1   |            |      |            |      |            |      |            |      |            |      |
| 250V       | L2   |            |      |            |      |            |      |            |      |            |      |
| 125V       | L5   |            |      |            |      |            |      |            |      |            |      |
| 250V       | L6   |            |      |            |      |            |      |            |      |            |      |
| 277V, A.C. | L7   |            |      |            |      |            |      |            |      |            |      |
| 480V       | L8   |            |      |            |      |            |      |            |      |            |      |
| 600V       | L9   |            |      |            |      |            |      |            |      |            |      |

| RATED AMPERAGE | EQUIPMENT CLASS | MAXIMUM TEMPERATURE | Male                                                                                       | Female                                                                                     | RATED AMPERAGE | EQUIPMENT CLASS | MAXIMUM TEMPERATURE | Male                                                                                         | Female                                                                                       |
|----------------|-----------------|---------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|----------------|-----------------|---------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| 0.2            | II              | 65°C                | <br>C2    | <br>C1    | 10             | I               | 120°C               | <br>C16   | <br>C15   |
| 2.5            | 0               | 65°C                | <br>C4    | <br>C3    | 10             | II              | 65°C                | <br>C18   | <br>C17   |
| 2.5            | I               | 65°C                | <br>C6    | <br>C5    | 16             | I               | 65°C                | <br>C20   | <br>C19   |
| 2.5            | II              | 65°C                | <br>C8    | <br>C7    |                | I               | 155°C               | <br>C22   | <br>C21   |
| 6              | II              | 65°C                | <br>C10   | <br>C9    |                | II              | 65°C                | <br>C24 | <br>C23 |
| 10             | 0               | 65°C                | <br>C12  | <br>C11  |                |                 |                     |                                                                                              |                                                                                              |
| 10             | I               | 65°C                | <br>C14 | <br>C13 |                |                 |                     |                                                                                              |                                                                                              |

The above illustrations are included to show pin configurations and arrangements. Each configuration is available in several different "styles" of plugs including right angle, hospital-grade, shrouded, etc. Please call us if you need additional information or would like help selecting an appropriate connector for your application.

K515PASSM



Assembled 5-15P

KC13ASSM



Assembled C-13

KC14ASSM



Assembled C-14

## Assembled Rewirable Connectors

Any cord length is now available on the spot with Orion rewirable Assembled plug heads and connectors. If our standard molded cord sets are not the correct length for your application, just purchase one of our longer cords, cut to size and use one of our assembled rewirable plugs or connectors for the perfect fit! The NEMA 5-15P, IEC320 C-13 and IEC320 C-14 configurations are all available. Knight Electronics and ORION can make any type of custom cables or harnesses exactly to your specifications. Please provide detailed information on the form provided in this catalog. Knight Electronics power cords are guaranteed against defects in workmanship and materials for 1 year and are available nationwide from our family of authorized distributors. Please call 800-323-2439 if you would like to speak to a sales representative.