# Receptacles

#### **Receptacle Selection Guide**

We reserve the right to make technical alterations without prior notice.

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# 2, 4 and 5-Wire Receptacles, Front Mount, PG 9 Threads



- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A





Housing Style	Female Part Number	Male Part Number	Features		Pinout
	FK 4.2-*	FS 4.2-*	2x22 AWG, 105 °C, mates with 2-pin cordsets	1. N/C 2. N/C 3. BN 4. BU	Female
FK(N)* PG 9	FK 4.21-*	FS 4.21-*	2x22 AWG, 105 °C, mates with 2-pin cordsets	1. BN 2. BU 3. N/C 4. N/C	3 1
	FK 4.22-*	FS 4.22-*	2x22 AWG, 105 °C, mates with 2-pin cordsets	1. BN 2. N/C 3. BU 4. N/C	2
	FK 4.4-*	FS 4.4-*	4x22 AWG, 105 °C, mates with 4-pin cordsets	1. BN 2. WH 3. BU 4. BK	Male
	FK 4.4-*/S613	FS 4.4-*/S613	4x18 AWG, 105 °C, mates with 4-pin cordsets	1. BN 2. WH 3. BU 4. BK	1-0003
	FK 4.4-*/S621	FS 4.4-*/S621	4x18 AWG, 105 °C, mates with 4-pin cordsets	1. GY1 2. GY2 3. GY3 4. GY4	2
	FK 4.5-*	FS 4.5-*	5x22 AWG, 105 °C, mates with 5-pin cordsets	1. BN 2. WH 3. BU	Female 4 5
FS(N)* PG 9	FK 4.5-*/S627	FS 4.5-*/S627	5x20 AWG, 105 °C, mates with 5-pin cordsets	4. BK 5. GY	3 1
	FK 4.5-*/S653	FS 4.5-*/S653	4x22 AWG, Drain, 105 °C, 5.1 mm OD, mates with 5-pin cordsets, 4 conductors PVC foil shielded with drain wire to pin 5	1. BN 2. WH 3. BU 4. BK 5. Drain	Male 5
	FKN 5-*	FSN 5-*	5x22 AWG, 105 °C	1. GN 2. WH 3. OG 4. BK 5. RD	1 (000) 3

Length in meters. Standard Lead length is 0.5 meters. Consult factory for other lengths. Standard housing material is nickel plated brass "FS."; "FSV." indicates stainless steel. To specify PVC jacketed cable, add "/S717" to the end of the part number.

# 6 and 8-Wire Receptacles, Front Mount, PG 9 Threads

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection





Connector Style	Female Part Number	Male Part Number	Features		Pinout
FK* PG 9 M12x1 0-RING 0.709 [18.0] Typical panel cutout is 15.2 mm	FK 4.6-*	FS 4.6-*	6x22 AWG, 105 °C, 250 V, 4 A mates with 6-pin cordsets	1. BN 2. WH 3. BU 4. BK 5. GY 6. PK	Female  3  Male  5  6  1  2
Typical panel cutout is 15.2 mm	FK 6-*	FS 6-*	6x24 AWG, 105 °C, 60 VAC/75 VDC, 2 A mates with 6-pin cordsets	1. BN 2. WH 3. BU 4. BK 5. GY 6. PK	Female  5  6  4  3  2  Male  1  2  3
FS* PG 9	FK 8-*	FS 8-*	8x24 AWG, 105 °C, 60 VAC/75 VDC, 2 A mates with 8-pin cordsets	1. WH 2. BN 3. GN 4. YE 5. GY 6. PK 7. BU 8. RD	Female 5 6 7 4 3 2 8
Typical panel cutout is 15.2 mm	FK 8.6-*	FS 8.6-*	6x24 AWG, 105 °C, 60 VAC/75 VDC, 2 A mates with 8-pin cordsets	1. WH 2. GN 3. YE 4. GY 5. BN 6. N/C 7. BU 8. N/C	Male  7  6  7  6  1  6  1  8  2  4

<sup>\*</sup> Length in meters. Standard lead length is 0.5 meters. Consult factory for other lengths. Standard housing material is nickel plated brass "FS.."; "FSV.." indicates stainless steel. To specify PVC jacketed cable, add "/S717" to the end of the part number.

#### 10 and 12-Wire Receptacles, Front Mount, PG 9 Threads



- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 60 VAC/75 VDC, 2 A





Connector Style	Female Part Number	Male Part Number	Features	Pinout
FK*  PG 9 ———————————————————————————————————	FK 10-*	FS 10-*	10x24 AWG, 105 °C, mates with 10-pin cordsets	Female  7 8 9 1. WH 2. BN 3. GN 4. YE 5. GY 6. PK 7. BU 8. RD 9. OG 10. TN  Female  7 8 9 9 1 1 4 10 5 6 7 6 9 1 1 4 10 3 10 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
FS* PG 9*  N12x1	FK 12-*	FS 12-*	12x24 AWG, 105 °C, mates with 12-pin cordsets	Female  1. WH 2. BN 3. GN 4. YE 5. GY 6. PK 7. BU 8. RD 9. OG 10. TN 11. BK 12. VT  10  Female  12  8  7  8  12  9  10  6  7  8  12  9  11  10  11  11  11  11  11  11  11

<sup>\*</sup> Length in meters. Standard lead length is 0.5 meters. Consult factory for other lengths. Standard housing material is nickel plated brass "FS."; "FSV." indicates stainless steel. To specify PVC jacketed cable, add "/S717" to the end of the part number.

# 4 and 5-Wire Receptacles, Front Mount, 1/4-18 NPT Threads

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A







Housing Style	Female Part Number	Male Part Number	Features		Pinout
FK */18.25	FK 4.4-*/18.25	FS 4.4-*/18.25	4x22 AWG, 105 °C, mates with 4-pin cordsets	1. BN 2. WH	Female 4 3
.138 [3.5] MAX 1/4-18NPT	FK 4.4-*/18.25/5613	FS 4.4-*/18.25/S613	4x18 AWG, 105 °C, mates with 4-pin cordsets	3. BU 4. BK	Male
Typical panel cutout is 14.3 mm	FK 4.4-*/18.25/5621	FS 4.4-*/18.25/S621	4x18 AWG, 105 °C, mates with 4-pin cordsets	1. GY1 2. GY2 3. GY3 4. GY4	1 2
	FK 4.5-*/18.25	FS 4.5-*/18.25	5x22 AWG, 105 °C, mates with 5-pin Cordsets	1. BN 2. WH	Female
	FK 4.5-*/18.25/S627	FS 4.5-*/18.25/S627	5x20 AWG, 105 °C, mates with 5-pin cordsets	3. BU 4. BK 5. GY	3
FS18.25  .138 [3.5] MAX  1/4-18NPT	FK 4.5-*/18.25/5653	FS 4.5-*/18.25/S653	4x22 AWG, Drain, 105 °C, 5.1 mm OD, mates with 5-pin cordsets, 4 conductors PVC foil shielded with drain wire to pin 5	1. BN 2. WH 3. BU 4. BK 5. Drain	Male 5 4
Typical panel cutout is 14.3 mm	FK 4.5-*/18.25/S621	FS 4.5-*/18.25/S621	5x18 AWG, 105 °C, mates with 5-pin cordsets	1. GY1 2. GY2 3. GY3 4. GY4 5. GY5	1 000 3

Length in meters. Standard lead length is 0.5 meters. Consult factory for other lengths. Standard housing material is nickel plated brass "FS.."; "FSV.." indicates stainless steel. To specify PVC jacketed cable, add "/S717" to the end of the part number.

# 6 and 8-Wire Receptacles, Front Mount, 1/4-18 NPT Threads



- NEMA 1, 3, 4, 6P
- IEC IP68 Protection





Housing Style	Female Part Number	Male Part Number	Features		Pinout
FK */18.25  .138 [3.5] MAX  1/4-18NPT  M12x1  0.709 [18.0]	FK 4.6-*/18.25	FS 4.6-*/18.25	6x22 AWG, 105 °C, 250 V, 2 A, mates with 6-pin cordsets	1. BN 2. WH 3. BU 4. BK 5. GY 6. PK	Female  4 5 6 3 Male 5 6 1 2
Typical panel cutout is 14.3 mm	FK 6-*/18.25	FS 6-*/18.25	6x24 AWG, 105 °C, 60 VAC/75 VDC, 2 A, mates with 6-pin cordsets	1. BN 2. WH 3. BU 4. BK 5. GY 6. PK	Female  5 6 4 3 2  Male 6 5 4 2 3
FS18.25 .138 [3.5] MAX — — .846 [21.5]	FK 8-*/18.25	FS 8-*/18.25	8x24 AWG, 105 °C, 60 VAC/75 VDC, 2 A, mates with 8-pin cordsets	1. WH 2. BN 3. GN 4. YE	Female 5 6 7
M12x1 0.709 [18.0]  O-RING669 [17.0]  Typical panel cutout is 14.3 mm	FK 8-*/18.25/S1505	FS 8-*/18.25/S1505	8x26 AWG, 105 °C, 60 VAC/75 VDC, 2 A, mates with 8-pin cordsets	5. GY 6. PK 7. BU 8. RD	4 3 2 8
	FK 8.6-*/18.25	FS 8.6-*/18.25	6x24 AWG, 105 °C, 60 VAC/75 VDC, 2 A, mates with 8-pin cordsets	1. WH 2. GN 3. YE 4. GY 5. BN 6. N/C 7. BU 8. N/C	Male  7  6  7  1  1  2  4  8  2

Length in meters. Standard lead length is 0.5 meters. Consult factory for other lengths. Standard housing material is nickel plated brass "FS."; "FSV." indicates stainless steel. To specify PVC jacketed cable, add "/S717" to the end of the part number.

#### 10 and 12-Wire Receptacles, Front Mount, 1/4-18 NPT Threads

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 60 VAC/75 VDC, 2 A





Housing Style	Female Part Number	Male Part Number	Features	Pinout
FK */18.25  .138 [3.5] MAX  1/4-18NPT  M12x1  0.709 [18.0]  Typical panel cutout is 14.3 mm	FK 10-*/18.25	FS 10-*/18.25	10x24 AWG, 105 °C, mates with 10-pin cordsets	Female  1. WH 2. BN 3. GN 4. YE 5. GY 6. PK 7. BU 8. RD 9. OG 10. TN  Female  7 8 9 9 10 9 11 12 10 9 11 10 10 10 10 10 10 10 10 10 10 10 10
FS18.25 .138 [3.5] MAX ———————————————————————————————————	FK 12-*/18.25	FS 12-*/18.25	12x24 AWG, 105 °C, mates with 12-pin cordsets	Female  1. WH 2. BN 3. GN 4. YE 5. GY 6. PK 7. BU 8. RD 9. OG 10. TN 11. BK 12. VT  Female  12 8 12 10 6 6 7 6 10 11 11 11 12 3

Length in meters. Standard lead length is 0.5 meters. Consult factory for other lengths. Standard housing material is nickel plated brass "FS.."; "FSV.." indicates stainless steel. To specify PVC jacketed cable, add "/S717" to the end of the part number.

We reserve the right to make technical alterations without prior notice.

#### 4, 5, and 6-Wire Receptacles, Front Mount, 1/2-14 NPSM Threads



- NEMA 1, 3, 4, 6P
- IEC IP68 Protection





Housing Style	Female Part Number	Male Part Number	Features		Pinout
	FK 4.4-*/14.5	FS 4.4-*/14.5	4x22 AWG, 105 °C, 250 V, 4 A, mates with 4-pin cordsets	1. BN 2. WH 3. BU 4. BK	Female Male
FK14.5  .118 [3.0] MAX  1/2-14NPSM  M12x1  0.984 [25.0]  Typical panel cutout is 21 mm	FK 4.4-*/14.5/S613	FS 4.4-*/14.5/S613	4x18 AWG, 105 °C, 250 V, 4 A, mates with 4-pin cordsets	1. BN 2. WH 3. BU 4. BK	1 1 - 3
	FK 4.4-*/14.5/S621	FS 4.4-*/14.5/S621	4x18 AWG, 105 °C, 250 V, 4 A, mates with 4-pin cordsets	1. GY1 2. GY2 3. GY3 4. GY4	2 2
	FK 4.5-*/14.5	FS 4.5-*/14.5	5x22 AWG, 105 °C, 250 V, 4 A, mates with 5-pin cordsets	1. BN 2. WH 3. BU 4. BK 5. GY	Female Male  4 5 5 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
FS 14.5 .098 [2.5] MAX 1/2-14NPSM M12x1  0.984 [25.0]	FK 4.6-*/14.5	FS 4.6-*/14.5	6x22 AWG, 105 °C, 250 V, 4 A, mates with 6-pin cordsets	1. BN 2. WH 3. BU 4. BK 5. GY 6. PK	Female Male  5 6 6 5 4 3 2 2 2
Typical panel cutout is 21 mm	FK 6-*/14.5	FS 6-*/14.5	6x24 AWG, 105 °C, 60 VAC/75 VDC, 2 A, mates with 6-pin cordsets	1. BN 2. WH 3. BU 4. BK 5. GY 6. PK	Female Male  5 4 3 2 2 3

Length in meters. Standard cable length is 0.5 meters. Consult factory for other lengths. Standard housing material is nickel plated brass "FS."; "FSV.." indicates stainless steel. To specify PVC jacketed cable, add "/S717" to the end of the part number.

Receptacles

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#### 8, 10 and 12-Wire Receptacles, Front Mount, 1/2-14 NPSM Threads

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 60 VAC/75 VDC, 2 A





Housing Style	Female Part Number	Male Part Number	Features		Pinout
FK14.5	FK 8-*/14.5	FS 8-*/14.5	8x24 AWG, 105 °C, mates with 8-pin cordsets, CSA Approved	1. WH 2. BN 3. GN 4. YE 5. GY 6. PK 7. BU 8. RD	Female  5  6  7  6  7  8  4  3  2
.118 [3.0] MAX846 [21.5]846 [21.5]945 [24.0]945 [24.0] Typical panel cutout is 21 mm	FK 8.6-*/14.5	FS 8.6-*/14.5	6x24 AWG, 105 °C, mates with 8-pin cordsets, CSA Approved	1. WH 2. GN 3. YE 4. GY 5. BN 6. N/C 7. BU 8. N/C	Male  7  6  7  6  9  1  9  4  8  2
FS 14.5	FK 10-*/14.5	FS 10-*/14.5	10x24 AWG, 105 °C, mates with 10-pin cordsets	1. WH 2. BN 3. GN 4. YE 5. GY 6. PK 7. BU 8. RD 9. OG 10. TN	Female  7  6  9  4  3  2  Male  8  7  6  9  4  3  2  10  2  3
.098 [2.5] MAX — .787 [20.0] .	FK 12-*/14.5	FS 12-*/14.5	12x24 AWG, 105 °C, mates with 12-pin cordsets	1. WH 2. BN 3. GN 4. YE 5. GY 6. PK 7. BU 8. RD 9. OG 10. TN 11. BK 12. VT	Female  7 8 12 9 11 4 3 2 10  Male  8 7 6 9 12 11 10 2 3

Length in meters. Standard lead length is 0.5 meters. Consult factory for other lengths. Standard housing material is nickel plated brass "FS.."; "FSV.." indicates stainless steel. To specify PVC jacketed cable, add "/S717" to the end of the part number.

#### 2 and 4-Wire Receptacles, Front Mount, 1/2-14 NPT Threads



- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A





Housing Style	Female Part Number	Male Part Number	Features	Pinout	
FK14.5/NPT  1/2-14NPT 1.150 [29.2]	FK 4.2-*/14.5/NPT	FS 4.2-*/14.5/NPT	2x22 AWG, 105 °C, mates with 2-pin cordsets	1. N/C 2. N/C 3. BN 4. BU	
Typical panel cutout is 22.5 mm	FK 4.22-*/14.5/NPT	FS 4.22-*/14.5/NPT	2x22 AWG, 105 °C, mates with 2-pin cordsets	1. BN 2. N/C 3. BU 4. N/C	<u></u> 1
FS 14.5/NPT  1/2-14NPT 1.092 [27.7]	FK 4.4-*/14.5/NPT	FS 4.4-*/14.5/NPT	4x22 AWG, 105 °C, mates with 4-pin cordsets	1. BN 2. WH 3. BU 4. BK	
M12x1	FK 4.4-*/14.5/NPT/S613	FS 4.4-*/14.5/NPT/S613	4x18 AWG, 105 °C, mates with 4-pin cordsets	1. BN 2. WH 3. BU 4. BK	-3

<sup>\*</sup> Length in meters. Standard lead length is 0.5 meters. Consult factory for other lengths. Standard housing material is nickel plated brass "FS.."; "FSV.." indicates stainless steel. To specify PVC jacketed cable, add "/S717" to the end of the part number.

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# 5 and 6-Wire Receptacles, Front Mount, 1/2-14 NPT Threads

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection





Housing Style	Female Part Number	Male Part Number	Features	Pinout
FK14.5/NPT  1/2-14NPT 1.150 [29.2]	FK 4.5-*/14.5/NPT	FS 4.5-*/14.5/NPT	5x22 AWG, 105 °C, 250 V, 4 A, mates with 5-pin cordsets	Female  1. BN 2. WH 3. BU 4. BK 5. GY  Male 5. GY
Typical panel cutout is 22.5 mm	FK 4.6-*/14.5/NPT	FS 4.6-*/14.5/NPT	6x22 AWG, 105 °C, 250 V, 4 A, mates with 6-pin cordsets	Female  4 5 6 3 Male  1. BN 2. WH 3. BU 2
FS 14.5/NPT  1/2-14NPT 1.092 [27.7] 0.984 [25.0]  M12x1 0.984 [25.0]  Typical panel cutout is 22.5 mm	FK 6-*/14.5/NPT	FS 6-*/14.5/NPT	6x24 AWG, 105 °C, 60 VAC/75 VDC, 2 A, mates with 6-pin cordsets	4. BK 5. GY 6. PK 5 GY 6. PK 5 GO 4 GO 1 1 Male 1 2 3

Length in meters. Standard lead length is 0.5 meters. Consult factory for other lengths. Standard housing material is nickel plated brass "FS.."; "FSV.." indicates stainless steel. To specify PVC jacketed cable, add "/S717" to the end of the part number.

#### 8, 10 and 12-Wire Receptacles, Front Mount, 1/2-14 NPT Threads



- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 60 VAC/75 VDC, 2 A





Housing Style	Female Part Number	Male Part Number	Features		Pinout
FK14.5/NPT  1/2-14NPT  1/2-14N	FK 8-*/14.5/NPT	FS 8-*/14.5/NPT	8x24 AWG, 105 °C, mates with 8-pin cordsets, CSA Approved	1. WH 2. BN 3. GN 4. YE 5. GY 6. PK 7. BU 8. RD	Female  5 6 7 4 3 8
	FK 8.6-*/14.5/NPT	FS 8.6-*/14.5/NPT	6x24 AWG, 105 °C, mates with 8-pin cordsets, CSA Approved	1. WH 2. GN 3. YE 4. GY 5. BN 6. N/C 7. BU 8. N/C	Male  7  1  0  3  4  8  2
	FK 10-*/14.5/NPT	FS 10-*/14.5/NPT	10x24 AWG, 105 °C, mates with 10-pin cordsets	1. WH 2. BN 3. GN 4. YE 5. GY 6. PK 7. BU 8. RD 9. OG 10. TN	Female  7 8 9 4 3 2 10  Male  8 7 6 9 10 2 3
	FK 12-*/14.5/NPT	FS 12-*/14.5/NPT	12x24 AWG, 105 °C, mates with 12-pin cordsets	1. WH 2. BN 3. GN 4. YE 5. GY 6. PK 7. BU 8. RD 9. OG 10. TN 11. BK 12. VT	Female  7 8 12 9 11 3 2 10  Male  8 7 6 9 12 4 3 2 10

Length in meters. Standard lead length is 0.5 meters. Consult factory for other lengths. Standard housing material is nickel plated brass "FS.."; "FSV.." indicates stainless steel. To specify PVC jacketed cable, add "/S717" to the end of the part number.

Receptacles

#### 4, 5 and 6-Wire Receptacles, Front Mount, M20 Threads

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection



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Housing Style	Female Part Number	Male Part Number	Features		Pinout
FK/M20  M20x1.5	FK 4.4-*/M20	FS 4.4-*/M20	4x22 AWG, 105 °C, 250 V, 4 A, mates with 4-pin cordsets	1. BN 2. WH 3. BU 4. BK	Female  3  Male  1  2
	FK 4.5-*/M20	FS 4.5-*/M20	5x22 AWG, 105 °C, 250 V, 4 A, mates with 5-pin cordsets	1. BN 2. WH 3. BU 4. BK 5. GY	Female  4 5 3 Male 5 1 000 3
FS/M20  M20x1.5 ————————————————————————————————————	FK 6-*/M20	FS 6-*/M20	6x24 AWG, 105 °C, 60 VAC/75 VDC, 2 A, mates with 6-pin cordsets	1. BN 2. WH 3. BU 4. BK 5. GY 6. PK	Female  5  6  4  0  1  Male  6  2  3

Length in meters. Standard lead length is 0.5 meters. Consult factory for other lengths. Standard housing material is nickel plated brass "FS.."; "FSV.." indicates stainless steel. To specify PVC jacketed cable, add "/S717" to the end of the part number.

#### 8, 10 and 12-Wire Receptacles, Front Mount, M20 Threads



- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 60 VAC/75 VDC, 2 A







Housing Style	Female Part Number	Male Part Number	Features		Pinout
FK/M20	FK 8-*/M20	FS 8-*/M20	8x24 AWG, 105 °C, mates with 8-pin cordsets, CSA Approved	1. WH 2. BN 3. GN 4. YE 5. GY 6. PK 7. BU 8. RD	Female  5  6 7  6 7  6 8 8
M20x1.5 - 985 [25.0] - M12x1	FK 8.6-*/M20	FS 8.6-*/M20	6x24 AWG, 105 °C, mates with 8-pin cordsets, CSA Approved	1. WH 2. GN 3. YE 4. GY 5. BN 6. N/C 7. BU 8. N/C	Male  7  1  0  3  4
FS/M20	FK 10-*/M20	FS 10-*/M20	10x24 AWG, 105 °C, mates with 10-pin cordsets	1. WH 2. BN 3. GN 4. YE 5. GY 6. PK 7. BU 8. RD 9. OG 10. TN	Female  7 8 5 9 4 3 2 10  Male
M20x1.5787 [20.0]  M12x1946 [24.0]  Typical panel cutout is 20.4 mm	FK 12-*/M20	FS 12-*/M20	12x24 AWG, 105 °C, mates with 12-pin cordsets	1. WH 2. BN 3. GN 4. YE 5. GY 6. PK 7. BU 8. RD 9. OG 10. TN 11. BK 12. VT	Female  5  8 12 9 11 4 3 2 10  Male  8 7 6 9 6 5 1 1 2 3 11 10 2 3

Length in meters. Standard lead length is 0.5 meters. Consult factory for other lengths. Standard housing material is nickel plated brass "FS."; "FSV." indicates stainless steel. To specify PVC jacketed cable, add "/S717" to the end of the part number.

#### 4, 5, 6, 8, 10 and 12-Wire Receptacles, Front Mount, PG 16 Threads

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection





Receptacles

Connector Style	Male Part Number	Features	P	inout
FS/PG16 PG 16 1.070 [27.2] O-RING 01.134 [28.8] Typical panel cutout is 22.5 mm	FS 4.4-*/PG16	4x22 AWG, 105 °C, 250 V, 4 A, mates with 4-pin cordset, CSA Approved	1. BN 2. WH 3. BU 4. BK	1 - 3
	FS 4.5-*/PG16	5x22 AWG, 105 °C, 250 V, 4 A, mates with 5-pin cordset, CSA Approved	1. BN 2. WH 3. BU 4. BK 5. GY	1 000 3
	FS 6-*/PG16	6x24 AWG, 105 °C, 60 VAC/75 VDC, 2 A, mates with 6-pin cordset, CSA Approved	1. BN 2. WH 3. BU 4. BK 5. GY 6. PK	1 2 3
	FS 8-*/PG16	8x24 AWG, 105 °C, 60 VAC/75 VDC, 2 A, mates with 8-pin cordset, CSA Approved	1. WH 2. BN 3. GN 4. YE 5. GY 6. PK 7. BU 8. RD	6 7
	FS 8.6-*/PG16	6x24 AWG, 105 °C, 60 VAC/75 VDC, 2 A, mates with 8-pin cordset, CSA Approved	1. WH 2. GN 3. YE 4. GY 5. BN 6. N/C 7. BU 8. N/C	1 8 3
	FS 10-*/PG16	10x24 AWG, 105 °C, 60 VAC/75 VDC, 2 A, mates with 10-pin cordset	1. WH 2. BN 3. GN 4. YE 5. GY 6. PK 7. BU 8. RD 9. OG 10. TN	8 7 6 5 1 10 2 3
	FS 12-*/PG16	12x24 AWG, 105 °C, 60 VAC/75 VDC, 2 A, mates with 12-pin cordset	1. WH 7. BU 2. BN 8. RD 3. GN 9. OG 4. YE 10. TN 5. GY 11. BK 6. PK 12. VT	12 8 7 6 9 9 9 11 11 10 2 3

#### 4 and 5-Wire Receptacles, Front Mount, PG 13.5 Threads



- NEMA 1, 3, 4, 6P
- IEC IP68 Protection







Housing Style	Male Part Number	Features	Pinout
	FS 4.4-*/PG13.5	4x22 AWG, 105 °C, 250 V, 4 A, mates with 4-pin cordsets, PG 13.5 Threads, CSA Approved	1. BN 2. WH 3. BU 4. BK
	FS 4.5-*/PG13.5	5x22 AWG, 105 °C, 250 V, 4 A, mates with 5-pin cordsets, PG 13.5 Threads, CSA Approved	1. BN 2. WH 3. BU 4. BK 5. GY
FS/PG13.5 .118 [3.0] MAX PG 13.5	FS 6-*/PG13.5	6x22 AWG, 105 °C, 60 VAC/75 VDC, 2 A, mates with 4-pin cordsets, PG 13.5 Threads, CSA Approved	1. BN 2. WH 3. BU 4. BK 5. GY 6. PK
	FS 8-*/PG13.5	8x22 AWG, 105 °C, 60 VAC/75 VDC, 2 A, mates with 4-pin cordsets, PG 13.5 Threads, CSA Approved	1. WH 2. BN 3. GN 4. YE 5. GY 6. PK 7. BU 8. RD
	FS 10-*/PG13.5	10x22 AWG, 105 °C, 60 VAC/75 VDC, 2 A, mates with 4-pin cordsets, PG 13.5 Threads	1. WH 2. BN 3. GN 4. YE 5. GY 6. PK 7. BU 8. RD 9. OG 10. TN
	FS 12-*/PG13.5	12x22 AWG, 105 °C, 60 VAC/75 VDC, 2 A, mates with 4-pin cordsets, PG 13.5 Threads	1. WH 2. BN 3. GN 4. YE 5. GY 6. PK 7. BU 8. RD 9. OG 10. TN 11. BK 12. VT

#### 4, 5, 6 and 8-Wire Receptacles, with Rotating Coupling Nut

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection





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Housing Style	Female Part Number	Features		Pinout
	FKM 4.4-*	4x22 AWG, 105 °C, 250 V, 4 A, mates with 4-pin cordsets	1. BN 2. WH 3. BU 4. BK	3-2-1
	FKM 4.5-*	5x22 AWG, 105 °C, 250 V, 4 A, mates with 5-pin cordsets	1. BN 2. WH 3. BU 4. BK 5. GY	5 5
FKM* PG 9	FKM 4.5-*/S653	4x22 AWG, Drain, 105 °C, 250 V, 4 A, 5.1 mm OD, mates with 5-pin cordsets, 4 conductors PVC foil Shielded with Drain Wire to pin 5	1. BN 2. WH 3. BU 4. BK 5. Drain	2
M12x1	FKM 4.6-*	6x22 AWG, 105 °C, 250 V, 2 A, mates with 6-pin cordsets	1. BN 2. WH 3. BU 4. BK 5. GY 6. PK	3 5 6
	FKM 6-*	6x24 AWG, 105 °C, 60 VAC/75 VDC, 2 A, mates with 6-pin cordsets	1. BN 2. WH 3. BU 4. BK 5. GY 6. PK	5 6
	FKM 8-*	8x24 AWG, 105 °C, 60 VAC/75 VDC, 2 A, mates with 8-pin cordsets	1. WH 2. BN 3. GN 4. YE 5. GY 6. PK 7. BU 8. RD	5 6 7 6 9 1 1 3 2

Length in meters. Standard lead length is 0.5 meters. Consult factory for other lengths. Standard housing material is nickel plated brass.

To specify PVC jacketed cable, add "/S717" to the end of the part number.

# 4 and 5-Pin Receptacles, Front Mount, Leads and Solder Cups



- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A







Housing Style	Female Part Number	Male Part Number	Features	Pinout
FK18.25  .138 [3.5] MAX  O-RING  Typical panel cutout is 14.3 mm  FS18.25  .138 [3.5] MAX  O-RING  Typical panel cutout is 14.3 mm  Typical panel cutout is 14.3 mm	FK 4.4/18.25	FS 4.4/18.25	105°C, Solder Cup, mates with 4-pin cordsets, 1/4-18 NPT Threads	Female  3  Male  1  2

Length in meters. Standard lead length is 0.5 meters. Consult factory for other lengths. Standard housing material is nickel plated brass "FS.."; "FSV.." indicates stainless steel. To specify PVC jacketed cable, add "/S717" to the end of the part number.

#### 4 and 5-Pin Receptacles, Front Mount, Leads and Solder Cups

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A









Receptacles

Housing Style	Female Part Number	Male Part Number	Features	Pinout
FK PG 9	FK 4.4	FS 4.4	105°C, Solder Cup, mates with 4-pin cordsets, PG 9 Threads	Female  3  Male  1  2
FS PG 9	FK 4.5	FS 4.5	105 °C, Solder Cup, mates with 5-pin cordsets, PG 9 Threads	Female  3  Male  5  1  0  0  3  4  2
FS/14.5  .098 [2.5] MAX  1/2-14NPSM		FS 4.4/14.5	105 °C, Solder Cup, mates with 4-pin cordsets, 1/2-14 NPSM Threads	Male 1
0.984 [25.0]  O_RING  Typical panel cutout is 21 mm		FS 4.5/14.5	105 °C, Solder Cup, mates with 5-pin cordsets, 1/2-14 NPSM Threads	Male 5 4 1 000 3

#### 4, 5 and 6-Wire Receptacles, with Front Lock Nut



- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A (4 & 5 pole)
- 60 VAC/75 VDC, 2 A (6 pole)







Housing Style	Female Part Number	Male Part Number	Features		Pinout
FKD*  PG 9  M12x1  Ø,709 [18.0]  Typical panel cutout is 15.2 mm	FKD 4.4-*	FSD 4.4-*	4x22 AWG, 105 °C, mates with 4-pin cordsets	1. BN 2. WH 3. BU 4. BK	Female  4  3  Male  1  2
	FKD 4.5-*	FSD 4.5-*	5x22 AWG, 105 °C, mates with 5-pin cordsets	1. BN 2. WH 3. BU 4. BK 5. GY	Female 5 5 1
FSD*	FKD 4.5-*/S653	FSD 4.5-*/S653	4x22 AWG, Drain, 105 °C, 5.1 mm OD, mates with 5-pin cordsets, 4 Conductors PVC foil Shielded with Drain Wire to pin 5	1. BN 2. WH 3. BU 4. BK 5. Drain	Male 5 1 000 3
PG 9 1.043 [26.5] 6.709 [18.0]	FKD 6-*	FSD 6-*	6x24 AWG, 105 °C, mates with 6-pin cordsets	1. BN 2. WH 3. BU 4. BK 5. GY 6. PK	Female  5  6  4  8  Male  6  1  2  3

Length in meters. Standard lead length is 0.5 meters. Consult factory for other lengths. Standard housing material is nickel plated brass "FSD."; "FSDV.." indicates 316 stainless steel. To specify PVC jacketed cable, add "/S717" to the end of the part number.

# 8, 10 and 12-Wire Receptacles, with Front Lock Nut

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 60 VAC/75 VDC, 2 A







Housing Style	Female Part Number	Male Part Number	Features	Pinout
FKD*  PG 9  M12x1  0-RING  Typical panel cutout is 15.2 mm	FKD 8-*	FSD 8-*	8x24 AWG, 105 °C, mates with 8-pin cordsets, CSA Approved	1. WH 2. BN 3. GN 4. YE 5. GY 6. PK 7. BU 8. RD  Female  7  6 G G G 1  8 Male 7  6 PK 7 BU 8. RD  7  6 PK 7 BU 8. RD
	FKD 10-*	FSD 10-*	10x24 AWG, 105 °C, mates with 10-pin cordsets	Female  1. WH 2. BN 3. GN 4. YE 5. GY 6. PK 7. BU 8. RD 9. OG 10. TN  Female  7 8 9 9 1 1 7 8 7 6 9 1 1 7 6 9 1 1 7 6 9 1 1 7 6 9 7 6 9 1 1 7 6 9 7 7 8 7 8 8 7 8 8 7 8 8 7 8 8 7 8 8 8 7 8 8 8 8 7 8 9 8 8 7 8 8 8 8
PG 9 1.043 [26.5]	FKD 12-*	FSD 12-*	12x24 AWG, 105 °C, mates with 12-pin cordsets	Female  1. WH 2. BN 3. GN 4. YE 5. GY 6. PK 7. BU 8. RD 9. OG 10. TN 11. BK 12. VT  Female  7 8 12 9 11 12 9 11 12 10 12 11 11 10 2 3

<sup>\*</sup> Length in meters. Standard lead length is 0.5 meters. Consult factory for other lengths. Standard housing material is nickel plated brass "FSD.."; "FSDV.." indicates stainless steel. To specify PVC jacketed cable, add "/S717" to the end of the part number.

#### 4 and 5-Wire Receptacles, Rear Mount with Leads



- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A (4 & 5 pole)
- 60 VAC/75 VDC, 2A (6 pole)



(l) (**(f)** 

Housing Style	Female Part Number	Male Part Number	Features		Pinout
	FKFD 4.4-*	FSFD 4.4-*	4x22 AWG, 105 °C, mates with 4-pin cordsets	1. BN 2. WH 3. BU 4. BK	<b>Female</b> 3  2
FKFD  .118 [3.0] MAX PG 9  M12x1  0-RING  0.787 [20.0]	FKFD 4.4-*/S621	FSFD 4.4-*/S621	4x18 AWG, 105 °C, mates with 4-pin cordsets	1. GY1 2. GY2 3. GY3 4. GY4	Male 1
Typical panel cutout is 15.3 x 14 mm	FKFD 4.5-*	FSFD 4.5-*	5x22 AWG, 105 °C, mates with 5-pin cordsets	1. BN 2. WH 3. BU 4. BK 5. GY	Female 5 5 3 - 1
FSFD*	FKFD 4.5-*/S653	FSFD 4.5-*/S653	4x22 AWG, Drain, 105 °C, 5.1 mm OD, mates with 5-pin cordsets, 4 Conductors PVC Foil Shielded with Drain Wire to pin 5	1. BN 2. WH 3. BU 4. BK 5. Drain	Male  5 4 1 2
.118 [3.0] MAX ———————————————————————————————————	FKFD 6-*	FSFD 6-*	6x24 AWG, 105 °C, mates with 6-pin cordsets	1. BN 2. WH 3. BU 4. BK 5. GY 6. PK	Female  5  6  4  3  2  Male  6  1  2  3

Length in meters. Standard lead length is 0.5 meters. Consult factory for other lengths. Standard housing material is nickel plated brass "FSFD.."; "FSFDV.." indicates stainless steel. To specify PVC jacketed cable, add "/S717" to the end of the part number.

#### 6, 8, 10 and 12-Wire Receptacles, Rear Mount with Leads

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 60 VAC/75 VDC, 2 A





Housing Style	Female Part Number	Male Part Number	Features		Pinout
FKFD  .118 [3.0] MAX PG 9	FKFD 8-*	FSFD 8-*	8x24 AWG, 105 °C, mates with 8-pin cordsets, CSA Approved	1. WH 2. BN 3. GN 4. YE 5. GY	Female  5  6  7  4  3  2
	FKFD 8-*/S1505	FSFD 8-*/S1505	8x26 AWG, 105 °C, mates with 8-pin cordsets	6. PK 7. BU 8. RD	Male  7  1  2  4  2
	FKFD 10-*	FSFD 10-*	10x24 AWG, 105 °C, mates with 10-pin cordsets	1. WH 2. BN 3. GN 4. YE 5. GY 6. PK 7. BU 8. RD 9. OG 10. TN	Female  7 8 5 9 4 3 2 10  Male  8 7 6 9 6 9 1 2 4 10 2 3
FSFD*  .118 [3.0] MAX PG 9  .748 [19.0]  Typical panel cutout is 15.3 x 14 mm	FKFD 12-*	FSFD 12-*	12x24 AWG, 105 °C, mates with 12-pin cordsets	1. WH 2. BN 3. GN 4. YE 5. GY 6. PK 7. BU 8. RD 9. OG 10. TN 11. BK 12. VT	Female  5  8  12  9  11  4  3  2  10  Male  Male  12  9  11  10  2  3

Length in meters. Standard lead length is 0.5 meters. Consult factory for other lengths. Standard housing material is nickel plated brass "FSFD.."; "FSFDV.." indicates stainless steel. To specify PVC jacketed cable, add "/S717" to the end of the part number.

#### 4 and 5-Pin Receptacles, Rear Mount with Solder Cups



- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A (4 & 5 pole)
- 60 VAC/75 VDC, 2 A (6 pole)





Housing Style	Female Part Number	Male Part Number	Features	Pinout
FKFDL118 [3.0] MAX ———————————————————————————————————	FKFDL 4.4	FSFDL 4.4	Accepts 18 AWG max Leads, 105 °C, mates with 4-pin cordsets	Female  3  Male  1  2
Typical panel cutout is 15.3 x 14 mm	FKFDL 4.5	FSFDL 4.5	Accepts 18 AWG max Leads, 105 °C, mates with 5-pin cordsets	Female  4 5  3 4 1  Male  5 4 4 3  1 0 0 0 3
.118 [3.0] MAX ———————————————————————————————————	FKFDL 6	FSFDL 6	Accepts 22 AWG max Leads, 105 °C, mates with 6-pin cordsets	Female  5 6 4 3 2  Male 6 5 4 2 3

Standard housing material is nickel plated brass "FSFDL."; "FSFDLV." indicates stainless steel.

#### 8, 10 and 12-Pin Receptacles, Rear Mount with Solder Cups

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 60 VAC/75 VDC, 2 A





Housing Style	Female Part Number	Male Part Number	Features	Pinout
FKFDL  .118 [3.0] MAX PG 9	FKFDL 8	FSFDL 8	Accepts 22 AWG Max Leads, 105 °C, Mates with 8-pin Cordsets	Female  5  6  7  4  3  8
FSFDL*  .118 [3.0] MAX PG 9  M12x1  0.787 [20.0]  .177 [4.5]  Typical panel cutout is 15.3 x 14 mm				Male 7 1 0 0 0 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0

 $Standard\ housing\ material\ is\ nickel\ plated\ brass\ "FSFDL.";\ "FSFDLV.."\ indicates\ stainless\ steel.$ 

# 4, 5, 6 and 8-Pin Receptacles, Rear Mount with PCB Pins



- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A (4 & 5 pole)
- 60 VAC/75 VDC (6 & 8 pole)



Housing Style	Female Part Number	Male Part Number	Features	Pinout
FKFD  .118 [3.0] MAX  .031 [0.8] PG 9	FKFD 4.4	FSFD 4.4	105°C, mates with 4-pin cordsets	Female  4  3  Male  1  2  Male
	FKFD 4.5	FSFD 4.5	105°C, mates with 5-pin cordsets	Female  4 5 3 Male 5 1 000 3
FSFD  .118 [3.0] MAX  .031 [0.8]  .494 [12.5]  .748 [19.0]  Typical panel cutout is 15.3 x 14 mm	FKFD 6	FSFD 6	105°C, mates with 6-pin cordsets	Female  5  6  4  Nale  6  1  2  3  2
	FKFD 8	FSFD 8	105°C, mates with 8-pin cordsets	Female  5 6 7 6 3 8  Male 6 7 6 7 6 7 6 7 7 7 7 7 7 7 7 7 7 7 7

Standard housing material is nickel plated brass "FSFD.."; "FSFDV.." indicates stainless steel.

#### 4 and 5-Pin Receptacles, Rear Mount with PCB Pins

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A



Housing Style	Female Part Number	Male Part Number	Features	Pinout
FKFDK  .118 [3.0] MAX PG 9		FSFDK 4.4	Nickel plated brass, 105°C, mates with 4-pin cordsets, short pins	Male 1
FSFDK  .118 [3.0] MAX PG 9   .161 [4.1]  O-RING  Typical panel cutout is 15.3 x 14 mm	FKFDK 4.5	FSFDK 4.5	Nickel plated brass, 105°C, mates with 5-pin cordsets, short pins	Female  3  Male  5  1  0 0 3  2

Standard housing material is nickel plated brass "FSFDK.."; "FSFDKV.." indicates stainless steel.

#### 4, 5, 6 and 8-Pin Receptacles, Rear Mount with PCB Pins



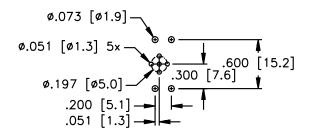
- Male Receptacles
- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A (4 & 5 pole)
- 60 VAC/75 VDC, 2 A (6 & 8 pole)

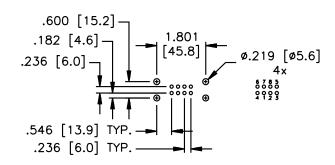


Housing Style	Male Part Number	Features	Pinout
WFS-PCB  .463 [11.8]	WFS 4.4-PCB	105 °C, mates with 4-pin cordsets, nickel plated brass housing material	<b>Male</b> 1
	WFS 4.5-PCB	105 °C, mates with 5-pin cordsets, nickel plated brass housing material	Male 5 4 1 000 3
	WFS 6-PCB	105 °C, mates with 6-pin cordsets, nickel plated brass housing material	Male 5 1 2 3
	WFS 8-PCB	105°C, mates with 8-pin cordsets, nickel plated brass housing material	Male  7  0000 1  0000 4 8 2

# We reserve the right to make technical alterations without prior notice.

#### **WFS PCB Layout**





# Receptacles

#### 5, 6 and 8-Pin Receptacles, Rear Mount PCB with Header Pins

- NEMA 1, 3, 4, 6 P
- IEC IP 67 Protection
- 250 V, 4 A (5 pole)
- 60 VAC/75 VDC (6 & 8 pole)



Housing Style	Female Part Number	Male Part Number	Features	Pinout
.709 [18.0] - 0.846 [21.5] .155 [3.9] - 0.25 [0.6] 5x - 0.504 [12.8] .004 [12.8] - 0.504 [13.8]	WFKD 4.5-PCBH	WFSD 4.5-PCBH	105°C, mates with 5-pin cordsets, nickel plated brass housing material	Female  5 3 Male  5 1 0 0 3 2
Typical panel cutout is 15.3 x 14 mm	WFKD 6-РСВН	WFSD 6-PCBH	105°C, mates with 6-pin cordsets, nickel plated brass housing material	Female  5 4 3 2  Male 6 1 2 3
.846 [21.5]	WFKD 8-PCBH	WFSD 8-PCBH	105 °C, mates with 8-pin cordsets, nickel plated brass housing material	Female  5 6 7 4 3 2 Male 6 7 6 7 6 7 6 7 6 7 6 7 7 6 7 7 7 7 7

#### 10 and 12-Pin Receptacles, Rear Mount PCB with Header Pins



- NEMA 1, 3, 4, 6P
- IEC IP 67 Protection
- 60 VAC/75 VDC, 2 A





Housing Style	Female Part Number	Male Part Number	Features	Pinout
WKFDPCBH  .709 [18.0]  .461 [11.7]  .155 [3.9]  .025 [0.6] 5x  SQUARE PIN  Typical panel cutout is 15.3 x 14 mm	WFKD 10-PCBH	WFSD 10-PCBH	105°C, mates with 10-pin cordsets, nickel plated brass housing material	Female  7  8  5  9  4  3  10  Male
.846 [21.5] .461 [11.7] .155 [3.9] .025 [0.6] 5x SQUARE PIN	WFKD 12-PCBH	WFSD 12-PCBH	105°C, mates with 12-pin cordsets ,nickel plated brass housing material	Female  6 7 8 12 5 9 10  Male  8 7 6 9 5 11 10 2 3

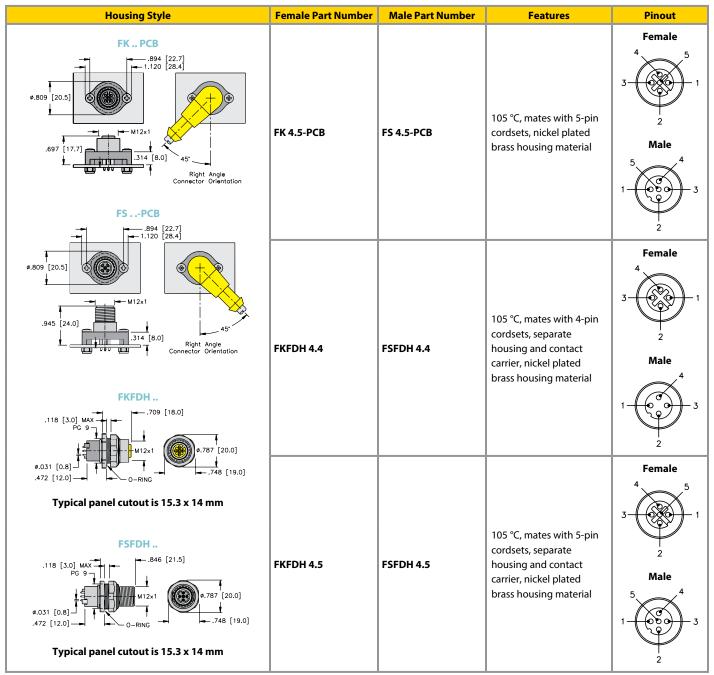
#### 4 and 5-Pin Circuit Board Mounted Receptacles

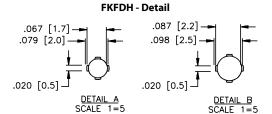
- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A

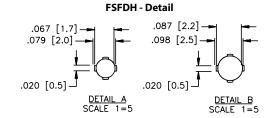












#### 4 and 5-Pin Circuit Board Mounted Receptacles



- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A







Housing Style	Female Part Number	Male Part Number	Features	Pinout
WFKFDH  .768 [19.5]079 [2.0]079 [2.0]079 [2.0] MIN0610 [15.5]139 [3.54]276 [7.0]356 [9.0]356 [9.0]356 [9.0]	WFKFDH 4.4	WFSFDH 4.4	105 °C, mates with 4-pin cordsets, separate housing and contact carrier, right angle, nickel plated brass housing material	Female  3  Male  1  2
FKFDHOW  .768 [19.5] .079 [2.0] .610 [15.5] .079 [2.0] .139 [3.54] .139 [3.54] .768 [19.5] .768 [19.5] .768 [19.5] .769 [2.0] MIN768 [19.5] .768 [19.5] .769 [2.0] MIN768 [19.5] .768 [19.5] .768 [19.5] .768 [19.5] .769 [2.0] MIN768 [19.5] .768 [19	WFKFDH 4.5	WFSFDH 4.5	105 °C, mates with 5-pin cordsets, separate housing and contact carrier, right angle, nickel plated brass housing material	Female  4 5 3 Male 5 1 000 3
WFSFDH  .768 [19.5]	FKFDHOW 4.5		105 °C, mates with 5-pin cordsets, separate housing and contact carrier, reverse key, nickel plated brass housing material	Female 5 3 - 1 2

#### 5-Wire Receptacles, Front Mount, Reverse Key

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A







Housing Style	Female Part Number	Male Part Number	Features		Pinout
FKW*  PG 9	FKW 4.5-*	FSW 4.5-*	4x22, 1x20 AWG, 105 °C, mates with 5-pin Reverse Key Cordset	1. BN 2. WH 3. BU 4. BK 5. GN/YE	Female  4 5
FSW  PG 9  M12x1  0-RING  Typical panel cutout is 15.2 mm  FKW14.5	FKW 4.5-*/S653	FSW 4.5-*/S653	4x22 AWG, Drain 105 °C, 5.1 mm OD, mates with 5-pin Reverse Key Cordset, 4 Conductors PVC Foil Shielded with Drain Wire to pin 5	1. BN 2. WH 3. BU 4. BK 5. Drain	3 2
Typical panel cutout is 21 mm  FSW14.5  .098 [2.5] MAX  1/2-14NPSM 787 [20.0] 984 [25.0]	FKW 4.5-*/14.5	FSW 4.5-*/14.5	4x22, 1x20 AWG 105 °C, mates with 5-pin Reverse Key Cordset	1. BN 2. WH	Male 5
Typical panel cutout is 21 mm  FSW14.5/NPT  1/2-14NPT 1.092 [27.7]	FKW 4.5*/14.5/NPT	FSW 4.5-*/14.5/NPT	4x22, 1x20 AWG 105 °C, mates with 5-pin Reverse Key Cordset	3. BU 4. BK 5. GN/YE	1 - 3

<sup>\*</sup> Length in meters. Standard lead length is 0.5 meters. Consult factory for other lengths. Standard housing material is nickel plated brass "FSW."; "FSWV." indicates stainless steel. To specify PVC jacketed cable, add "/S717" to the end of the part number.

We reserve the right to make technical alterations without prior notice.

#### 5-Wire Receptacles, Front Mount, Reverse Key



- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4A





Housing Style	Female Part Number	Male Part Number	Features		Pinout
FKMW  PG 9 984 [25.0]	FKMW 4.5-*		4x22, 1x20 AWG, 105 °C, mates with 5-pin Reverse Key Cordset, PG 9 threads, rotating coupling nut	1. BN 2. WH 3. BU 4. BK 5. GN/YE	Female 5 5 1 2
Typical panel cutout is 15.2 mm  FSDW  PG 9 1.043 [26.5]	FKDW 4.5-*	FSDW 4.5-*	4x22, 1x20 AWG AWM PVC, 105 °C, mates with 5-pin Reverse Key Cordset, PG 9 threads	1. BN 2. WH 3. BU 4. BK 5. GN/YE	Male 5 4 1 000 3

<sup>\*</sup> Length in meters. Standard lead length is 0.5 meters. Consult factory for other lengths. Standard housing material is nickel plated brass "FSW.."; "FSWV.." indicates stainless steel. To specify PVC jacketed cable, add "/S717" to the end of the part number.

We reserve the right to make technical alterations without prior notice.

#### 5-Wire Receptacles, Rear Mount, Reverse Key

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A



Housing Style	Female Part Number	Male Part Number	Features	Pinout	
FKFDW  .118 [3.0] MAX PG 9 M12x1  .748 [19.0]  Typical panel cutout is 15.3 x 14.0 mm			5x22 AWG,	<b>Femal</b> 1. BN 4	<b>e</b> 5
FSFDW  .118 [3.0] MAX PG 9 M12x1 0.787 [20.0] Typical panel cutout is 15.3 x 14.0 mm	FKFDW 4.5-*	FSFDW 4.5-*	105 °C, mates with 5-pin Reverse Key Cordset, leads, UL Listed, CSA Approved	2. WH 3. BU 4. BK 5. GN/YE	1
Typical panel cutout is 15.5 x 14.0 min					
FKFDLW  .118 [3.0] MAX PG 9 M12x1 0.071 [1.8] 0.787 [20.0] 0.748 [19.0]				Male	
Typical panel cutout is 15.3 x 14.0 mm  FSFDLW  .118 [3.0] MAX	FKFDLW 4.5	FSFDLW 4.5	Accepts 20 AWG Max Leads, 105 °C, mates with 5-pin Reverse Key Cordset, solder cup	N/A 1 0000	3
Typical panel cutout is 15.3 x 14.0 mm					

Length in meters. Standard lead length is 0.5 meters. Consult factory for other lengths. Standard housing material is nickel plated brass.

To specify PVC jacketed cable, add "/S717" to the end of the part number.

#### 5-Pin Receptacles, Rear Mount, Reverse Key, With PCB Pins



- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A



Housing Style	Female Part Number	Male Part Number	Features	Pinout
FKFDW  .118 [3.0] MAX	FKFDW 4.5	FSFDW 4.5	105°C, mates with 5-pin Reverse Key Cordsets, PCB pins	Female 5 5 3 - 2 1
FSFDKW  1.173 [29.8]  0.846 [21.5]  748 [19.0]  Typical panel cutout is 15.3 x 14.0 mm  FKFDKW  118 [3.0] MAX  PG 9  0.787 [20.0]  0.748 [19.0]  Typical panel cutout is 15.3 x 14.0 mm	FKFDKW 4.5	FSFDKW 4.5	105 °C, mates with 5-pin Reverse Key Cordsets, short PCB pins	Male 5 1 000 3

Length in meters. Standard lead length is 0.5 meters. Consult factory for other lengths. Standard housing material is nickel plated brass.

To specify PVC jacketed cable, add "/S717" to the end of the part number.

(h) (f)

#### 4 and 5-Wire Receptacles, Back Panel Mount

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A



Housing Style	Female Part Number	Features	Pinout		
FKP .*	FKP 4.4-*	4x18 AWG, 105 °C, mates with 4-pin cordsets	1. BN 2. WH 3. BU 4. BK	Female	
	FKP 4.4-*/S621	4x18 AWG, 105 °C, mates with 4-pin cordsets	1. GY1 2. GY2 3. GY3 4. GY4	2	
		5x18 AWG, 105 °C, mates with 5-pin cordsets	1. BN 2. WH 3. BU 4. BK 5. GY	ale 5	
	FKP 4.5-*/S621	5x18 AWG, 105 °C, mates with 5-pin cordsets	1. GY1 2. GY2 3. GY3 4. GY4 5. GY5	3 2	

Length in meters. Standard lead length is 0.5 meters. Consult factory for other lengths. Standard material is nickel plated brass.

To specify PVC jacketed cable, add "/S717" to the end of the part number.

#### 4, 5, 6 and 8-Pin Feed-Thru Receptacles



- Female to Male Receptacles
- NEMA 1, 3, 4, 6P
- IEC IP68 Protection





Housing Style	Part Number	Features	Pinout
FKFSM12  6.772 [19.6]	FK FS 4.4/M12	4-conductor, 80 °C, 150 V, 4 A, mates with 4-pin cordsets	$\begin{bmatrix} 1 & & & & & & \\ 2 & & & & & & \\ 3 & & & & & & \\ 4 & & & & & & \\ \end{bmatrix}$ Female 2 Male 2
	FK FS 4.5/M12	5-conductor, 80°C, 150 V, 4 A, mates with 5-pin cordsets	1 (2) Male 2
	FKW FSW 4.5/M12	5-conductor, 80 °C, 150 V, 4 A, mates with 5-pin Reverse Key cordsets	3 4 4 5 5 5 5 4 4 5 Female 2 Male 2
	FK FS 4.6/M12	6-conductor, 80 °C, 36 V, 1.5 A, mates with 6-pin cordsets	$\begin{bmatrix} 1 & & & & & & \\ 2 & & & & & & \\ 3 & & & & & & \\ 4 & & & & & & \\ 5 & & & & & & \\ 6 & & & & & & \\ \end{bmatrix} \xrightarrow{3} \begin{bmatrix} 1 & & & & & \\ 2 & & & & & \\ 3 & & & & & \\ 3 & & & & & \\ \end{bmatrix} \xrightarrow{4} \xrightarrow{5} \xrightarrow{6} \xrightarrow{6} \xrightarrow{6} \xrightarrow{5} \xrightarrow{4} \xrightarrow{3} $
	FK FS 6/M12	6-conductor, 80 °C, 36 V, 1.5 A, mates with 6-pin cordsets	1
	FK FS 8/M12	8-conductor, 80 °C, 36 V, 1.5 A, mates with 8-pin cordsets	1

Standard housing material is nickel plated brass "FK FS.."; "FKV FSV.." indicates stainless steel.