

Part Number Keys	H2
Cordsets	H5
Receptacles	H20
Field Wireables	H32
Conduit Adapters	H36
Accessories	H37

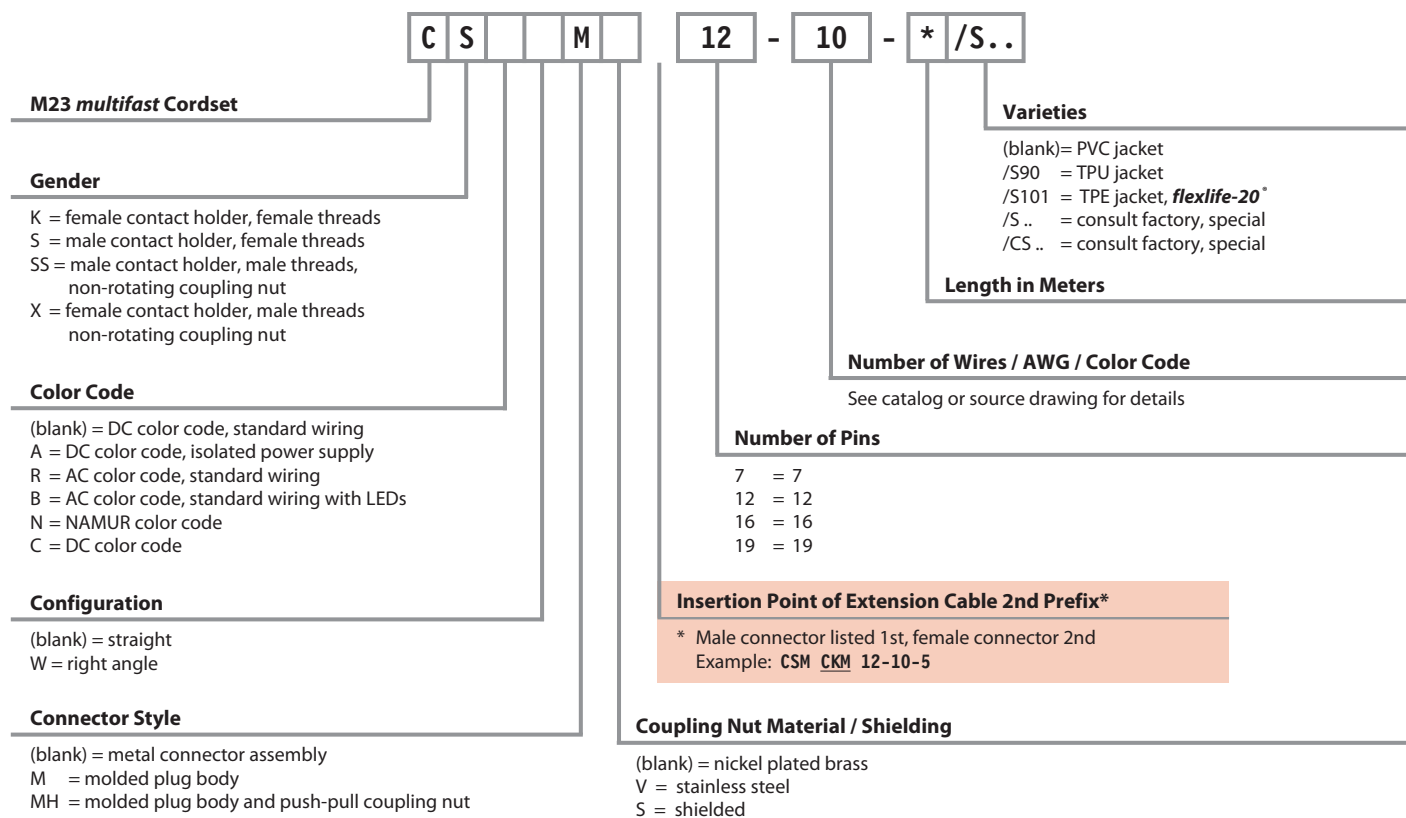
Features

- M23 and M27 threaded connectors
- M23 available in 12, 16 and 19-pin
- M27 available in 26 and 28-pin
- Up to 9 amp, 300 volt rated
- High density
- IEC IP67 protection

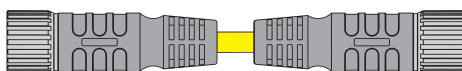


Cordset Part Number Key

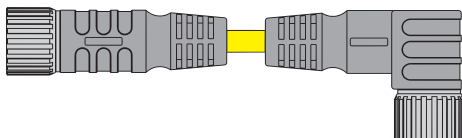
Part Number Keys are to assist in IDENTIFICATION ONLY. Consult factory for catalog items not identified.



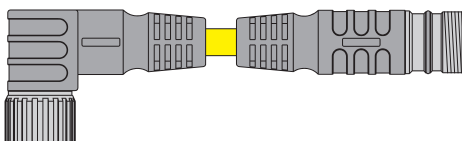
Extension Examples:



C	S			M			C	K			M			12	-	10	-	5	/S..
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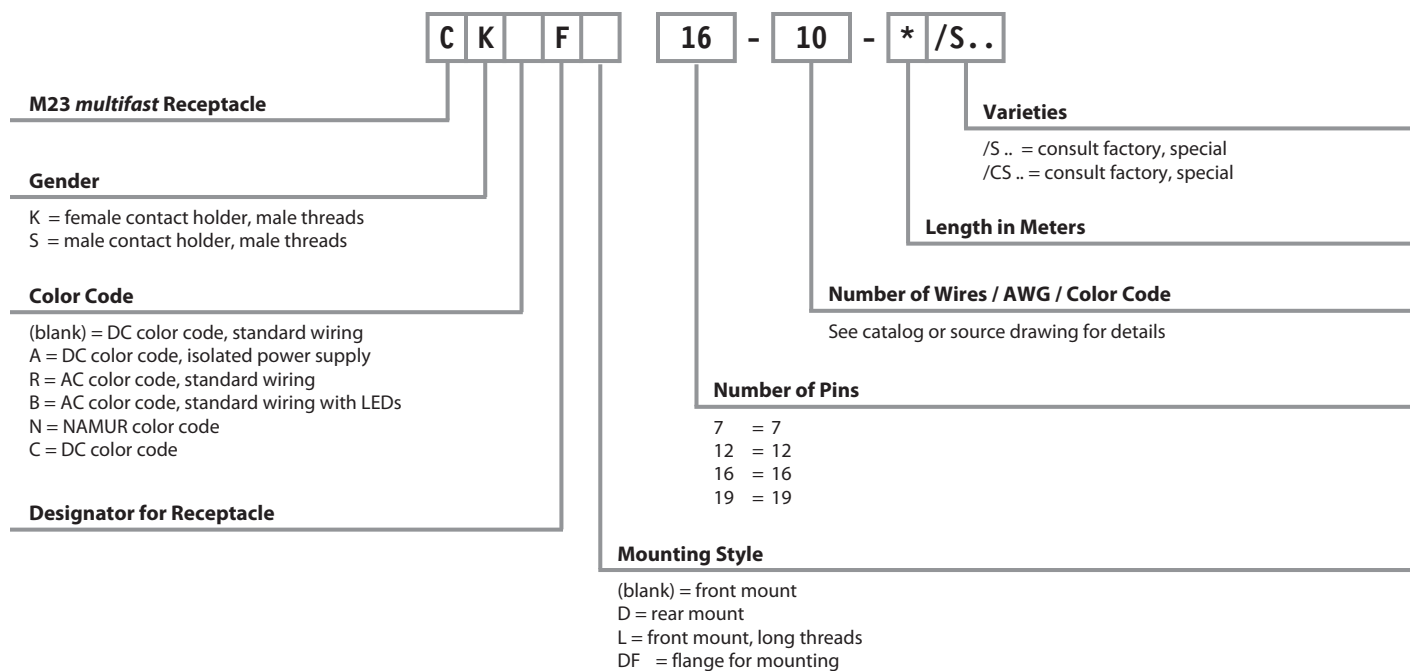
C	K			M			C	K		W	M			12	-	10	-	5	/S..
---	---	--	--	---	--	--	---	---	--	---	---	--	--	----	---	----	---	---	------



C	K		W	M			C	S	S		M			12	-	10	-	5	/S..
---	---	--	---	---	--	--	---	---	---	--	---	--	--	----	---	----	---	---	------

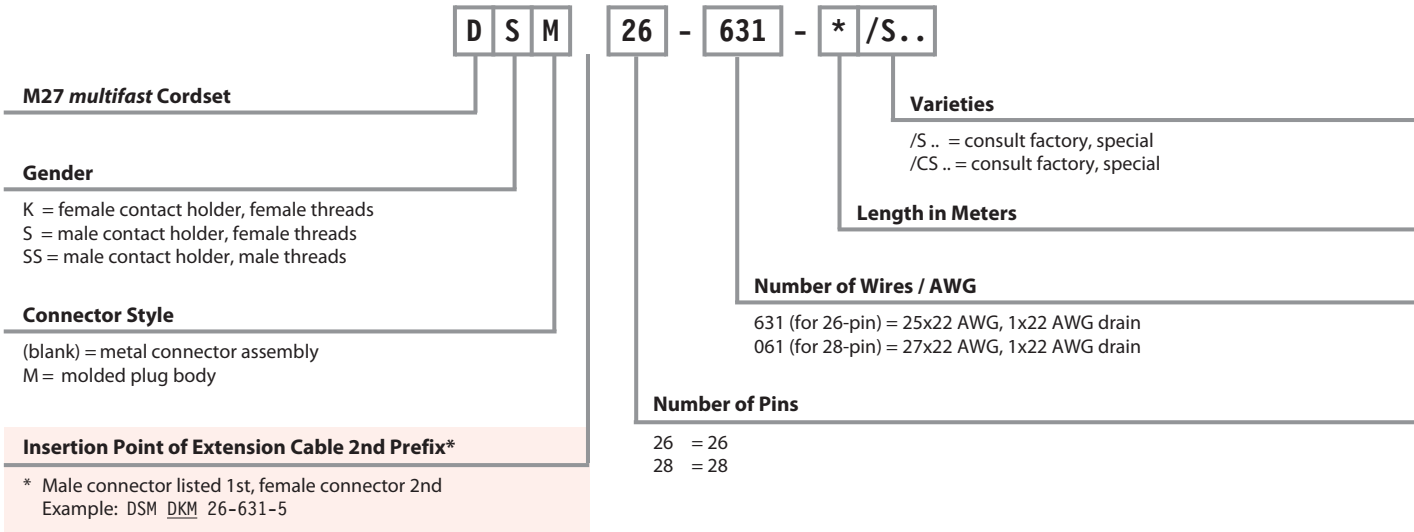
Receptacle Part Number Key

Part Number Keys are to assist in IDENTIFICATION ONLY. Consult factory for catalog items not identified.



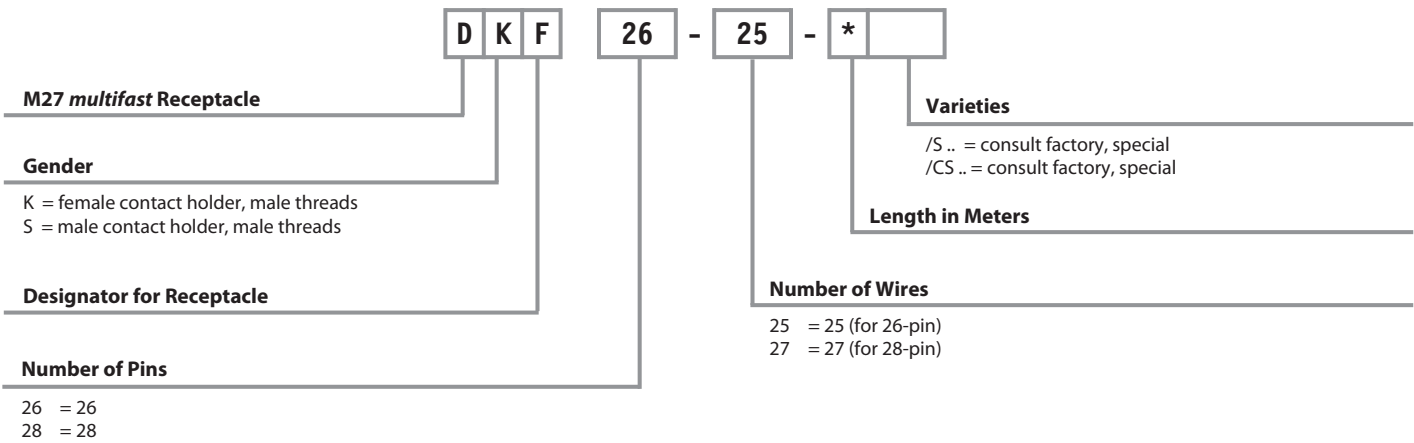
Cordset Part Number Key

Part Number Keys are to assist in IDENTIFICATION ONLY. Consult factory for catalog items not identified.



Receptacle Part Number Key

Part Number Keys are to assist in IDENTIFICATION ONLY. Consult factory for catalog items not identified.



- For eurofast® Junction Boxes and multi-conductor Applications
- IEC IP67 Protection
- 300 V, 6 A



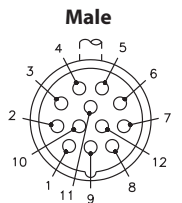
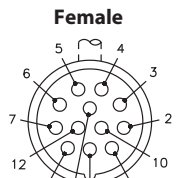
Connector Style	Female Part Number	Male Part Number	Features	Pinout
CKM .. 	CKM 12-7-*	CSM 12-7-*	ITC/PLTC PVC Yellow, 7x18 AWG, 105°C, 8.4 mm OD, Cable #RF50637-*M†	1. BN 3. BU 4. WH 6. GN 7. YE 8. GY 12. GN/YE
	CKWM 12-7-*	CSWM 12-7-*	4 port, 1 signal per port, flexlife	
CKWM .. 	CKM 12-7-*/S90	CSM 12-7-*/S90	TPU Yellow, 7x18 AWG, 90°C, 7.2 mm OD, Cable #RF50676-*M†	1. BN 3. BU 4. WH 6. GN 7. YE 8. GY 12. GN/YE
	CKWM 12-7-*/S90	CSWM 12-7-*/S90	4 port, 1 signal per port, Cut/Abrasion Immune	
CKM 12-9-* 	CKM 12-9-*	CSM 12-9-*	ITC/PLTC PVC Yellow, 9x18 AWG, 105°C, 10 mm OD, Cable #RF50636-*M†	1. BN 3. BU 4. WH 6. GN 7. YE 8. GY 9. PK 10. RD 12. GN/YE
	CKWM 12-9-*	CSWM 12-9-*	6 port, 1 signal per port flexlife	
CKM 12-9-*/S90 	CKM 12-9-*/S90	CSM 12-9-*/S90	TPU Yellow, 9x18 AWG, 90°C, 10.0 mm OD, Cable #RF50677-*M†	1. BN 3. BU 4. WH 6. GN 7. YE 8. GY 9. PK 10. RD 12. GN/YE
	CKWM 12-9-*/S90	CSWM 12-9-*/S90	6 port, 1 signal per port Cut/Abrasion Immune	
CKM 12-11-* 	CKM 12-11-*	CSM 12-11-*	ITC/PLTC PVC Yellow, 11x18 AWG, 105°C, 10.5 mm OD, Cable #RF51088-*M†, 8 port, 1 signal per port, flexlife*	1. BN 3. BU 4. WH 5. GN 6. YE 7. GY 8. PK 9. RD 10. BK 11. VT 12. GN/YE
	CKWM 12-11-*	CSWM 12-11-*	8 port, 1 signal per port, flexlife*	
CKM 12-11-*/S90 	CKM 12-11-*/S90	CSM 12-11-*/S90	TPU Yellow, 11x18 AWG, 90°C, 10 mm OD, Cable #RF50678-*M†, 8 port, 1 signal per port, Cut/Abrasion Immune	1. BN 3. BU 4. WH 5. GN 6. YE 7. GY 8. PK 9. RD 10. BK 11. VT 12. GN/YE
	CKWM 12-11-*/S90	CSWM 12-11-*/S90	8 port, 1 signal per port, Cut/Abrasion Immune	
CKM 12-12-*/S101 	CKM 12-12-*/S101	CSM 12-12-*/S101	TPE Yellow, 12x18 AWG, 105°C, 9.3 mm OD, Cable #RF50915-*M†8 port, 1 signal per port, flexlife-20, High Flex - Over 20 million cycles	1. BN 2. BU 3. WH 4. GN/YE 5. OG 6. YE 7. GY 8. PK 9. RD 10. BN/WH 11. BU/WH 12. GN/WH
	CKWM 12-12-*/S101	CSWM 12-12-*/S101	8 port, 1 signal per port, flexlife-20, High Flex - Over 20 million cycles	
CKM 12-12-*/S817 	CKM 12-12-*/S817	CSM 12-12-*/S817	PVC Yellow, 12x18 AWG, 105°C, 10.0 mm OD, Cable #RF50606-*M†	1. BN 2. BU 3. WH 4. GN/YE 5. OG 6. YE 7. GY 8. PK 9. RD 10. BN/WH 11. BU/WH 12. GN/WH
	CKWM 12-12-*/S817	CSWM 12-12-*/S817	8 port, 1 signal per port flexlife	

* Length in meters.

Standard cable lengths are 5 and 10 meters. Consult factory for other lengths.

Standard coupling nut material is nickel plated brass.. "CKM.."; "CKMV.." indicates stainless steel coupling nut.

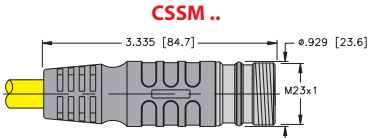
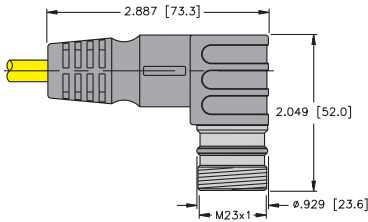
† See Section N for **reelfast**® cable information.

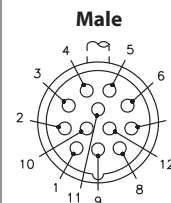


12-Pin Cordsets, DC Color Code, Standard Wiring

- For *eurofast*® Junction Boxes and multi-conductor Applications
- IEC IP67 Protection
- 300 V, 6 A



Connector Style	Male Part Number	Features	Pinout
 	CSSM 12-7-* CSSWM 12-7-*	ITC/PLTC PVC Yellow, 7x18 AWG, 105°C, 8.4 mm OD, Cable #RF50637-*M†, 4 port, 1 signal per port, <i>flexlife</i>	1. BN 3. BU 4. WH 6. GN 7. YE 8. GY 12. GN/YE
	CSSM 12-7-*/S90 CSSWM 12-7-*/S90	TPU Yellow, 7x18 AWG, 90°C, 7.2 mm OD, Cable #RF50676-*M†, 4 port, 1 signal per port, Cut/Abrasion Immune	1. BN 3. BU 4. WH 6. GN 7. YE 8. GY 12. GN/YE
	CSSM 12-9-* CSSWM 12-9-*	ITC/PLTC PVC Yellow, 9x18 AWG, 105°C, 10 mm OD, Cable #RF50636-*M†, 6 port, 1 signal per port, <i>flexlife</i>	1. BN 3. BU 4. WH 6. GN 7. YE 8. GY 9. PK 10. RD 12. GN/YE
	CSSM 12-9-*/S90 CSSWM 12-9-*/S90	ITPU Yellow, 9x18 AWG, 90°C, 10 mm OD, Cable #RF50677-*M†, 6 port, 1 signal per port, Cut/Abrasion Immune	1. BN 3. BU 4. WH 6. GN 7. YE 8. GY 9. PK 10. RD 12. GN/YE
	CSSM 12-11-* CSSWM 12-11-*	ITC/PLTC PVC Yellow, 11x18 AWG, 105°C, 10.5 mm OD, Cable #RF51088-*M†, 8 port, 1 signal per port, <i>flexlife</i>	1. BN 3. BU 4. WH 5. GN 6. YE 7. GY 8. PK 9. RD 10. BK 11. VT 12. GN/YE
	CSSM 12-11-*/S90 CSSWM 12-11-*/S90	TPU Yellow, 11x18 AWG, 90°C, 10 mm OD, Cable #RF50678-*M†, 8 port, 1 signal per port, Cut/Abrasion Immune	1. BN 3. BU 4. WH 5. GN 6. YE 7. GY 8. PK 9. RD 10. BK 11. VT 12. GN/YE
	CSSM 12-12-*/S101 CSSWM 12-12-*/S101	TPE Yellow, 12x18 AWG, 105°C, 9.3 mm OD, Cable #RF50915-*M†, 8 port, 1 signal per port, <i>flexlife</i> -20, High Flex - Over 20 million cycles	1. BN 2. BU 3. WH 4. GN/YE 5. OG 6. YE 7. GY 8. PK 9. RD 10. BN/WH 11. BU/WH 12. GN/WH
	CSSM 12-12-*/S817 CSSWM 12-12-*/S817	PVC Yellow, 12x18 AWG, 105°C, 10.0 mm OD, Cable #RF50606-*M†, 8 port, 1 signal per port, <i>flexlife</i>	



* Length in meters.

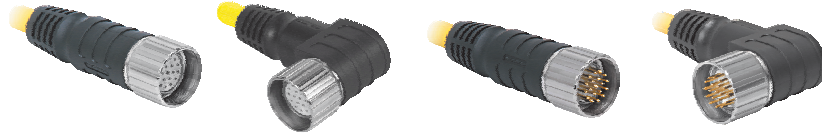
Standard cable lengths are 5 and 10 meters. Consult factory for other lengths.

Standard coupling nut material is nickel plated brass.. "CSSM..".

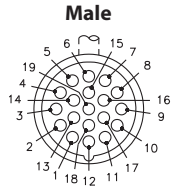
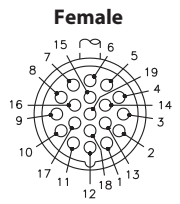
† See Section N for *reelfast*® cable information.

19-Pin Cordsets, DC Color Code, Standard Wiring

- For *eurofast*® Junction Boxes and multi-conductor Applications
- IEC IP67 Protection
- 150 V, 9 A (18 AWG) & 2 A (22 AWG)



Connector Style	Female Part Number	Male Part Number	Features	Pinout
CKM .. 	CKM 19-11-*	CSM 19-11-*	PLTC PVC Yellow, 3x18, 8x22 AWG, 105°C, 8.5 mm OD, Cable #RF50624-*M† 4-port, 2 signals per port <i>flexlife</i> ®	3. GY 4. RD/BU 5. GN 6. BU 7. GY/PK 8. WH/GN 12. GN/YE 14. BN/GN 15. WH 16. YE 19. BN
	CKWM 19-11-*	CSWM 19-11-*		
CKWM .. 	CKM 19-11-*/S90	CSM 19-11-*/S90	TPU Yellow, 3x18, 8x22 AWG, 90°C, 8.4 mm OD, Cable #RF50718-*M†, 4-port, 2 signals per port Cut/Abrasion Immune	
	CKWM 19-11-*/S90	CSWM 19-11-*/S90		
CSM .. 	CKM 19-15-*	CSM 19-15-*	PVC Yellow, 3x18, 12x22 AWG, 105°C, 8.4 mm OD, Cable #RF50625-*M†, 6-port, 2 signals per port <i>flexlife</i>	2. RD 3. GY 4. RD/BU 5. GN 6. BU 7. GY/PK 8. WH/GN 9. WH/YE 12. GN/YE 13. YE/BN 14. BN/GN 15. WH 16. YE 17. PK 19. BN
	CKWM 19-15-*	CSWM 19-15-*		
CSWM .. 	CKM 19-15-*/S90	CSM 19-15-*/S90	TPU Yellow, 3x18, 12x22 AWG, 90°C, 8.5 mm OD, Cable #RF50818-*M†, 6-port, 2 signals per port Cut/Abrasion Immune	
	CKWM 19-15-*/S90	CSWM 19-15-*/S90		
CSWM .. 	CKM 19-19-*	CSM 19-19-*	PLTC PVC Yellow, 3x18, 16x22 AWG, 105°C, 10.0 mm OD, Cable #RF50620-*M†, 8 port, 2 signals per port <i>flexlife</i>	1. VT 2. RD 3. GY 4. RD/BU 5. GN 6. BU 7. GY/PK 8. WH/GN 9. WH/YE 10. WH/GY 11. BK 12. GN/YE 13. YE/BN 14. BN/GN 15. WH 16. YE 17. PK 18. GY/BN 19. BN
	CKWM 19-19-*	CSWM 19-19-*		
	CKM 19-19-*/S90	CSM 19-19-*/S90	AWM TPU Yellow, 3x18, 16x22 AWG, 105°C, 10.4 mm OD, Cable #RF50682-*M†, 8 port, 2 signals per port Cut/Abrasion Immune	
CSWM .. 	CKM 19-19-*/S101	CSM 19-19-*/S101	PLTC TPE Yellow, 3x18, 16x22 AWG, 105°C, 9.3 mm OD, Cable #RF50916-*M†, 8 port, 2 signals per port <i>flexlife</i> -20, High Flex - Over 20 million cycles	
	CKWM 19-19-*/S101	CSWM 19-19-*/S101		



Cordsets

* Length in meters.

Standard cable lengths are 5 and 10 meters. Consult factory for other lengths.

Standard coupling nut material is nickel plated brass.. "CKM.."; "CKMV.." indicates stainless steel coupling nut.

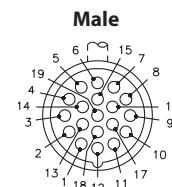
† See Section N for *reelfast*® cable information.

19-Pin Cordsets, DC Color Code, Standard Wiring

- For *eurofast*® Junction Boxes and multi-conductor Applications
- IEC IP67 Protection
- 150 V, 9 A (18 AWG) & 2 A (22 AWG)



Connector Style	Male Part Number	Features	Pinout
CSSM .. Non-rotating coupling nut CSSWM .. Non-rotating coupling nut	CSSM 19-11-* CSSWM 19-11-*	PLTC PVC Yellow, 3x18, 8x22 AWG, 105°C, 8.5 mm OD, Cable #RF50624-*M†, 4-port, 2 signals per port, <i>flexlife</i> ®	3. GY 4. RD/BU 5. GN 6. BU 7. GY/PK 8. WH/GN 12. GN/YE 14. BN/GN 15. WH 16. YE 19. BN
	CSSM 19-11-*/S90 CSSWM 19-11-*/S90	TPU Yellow, 3x18, 8x22 AWG, 90°C, 8.4 mm OD, Cable #RF50718-*M†, 4-port, 2 signals per port, Cut/Abrasion Immune	
	CSSM 19-15-* CSSWM 19-15-*	PVC Yellow, 3x18, 12x22 AWG, 105°C, 8.4 mm OD, Cable #RF50625-*M†, 6-port, 2 signals per port <i>flexlife</i>	2. RD 3. GY 4. RD/BU 5. GN 6. BU 7. GY/PK 8. WH/GN 9. WH/YE 12. GN/YE 13. YE/BN 14. BN/GN 15. WH 16. YE 17. PK 19. BN
	CSSM 19-15-*/S90 CSSWM 19-15-*/S90	TPU Yellow, 3x18, 12x22 AWG, 90°C, 8.5 mm OD, Cable #RF50818-*M†, 6-port, 2 signals per port, Cut/Abrasion Immune	
	CSSM 19-19-* CSSWM 19-19-*	PLTC PVC Yellow, 3x18, 16x22 AWG, 105°C, 10.0 mm OD, Cable #RF50620-*M†, 8-port, 2 signals per port, <i>flexlife</i>	1. VT 2. RD 3. GY 4. RD/BU 5. GN 6. BU 7. GY/PK 8. WH/GN 9. WH/YE 10. WH/GY 11. BK 12. GN/YE 13. YE/BN 14. BN/GN 15. WH 16. YE 17. PK 18. GY/BN 19. BN
	CSSM 19-19-*/S90 CSSWM 19-19-*/S90	AWM TPU Yellow, 3x18, 16x22 AWG, 105°C, 10.4 mm OD, Cable #RF50682-*M†, 8-port, 2 signals per port, Cut/Abrasion Immune	
	CSSM 19-19-*/S101 CSSWM 19-19-*/S101	TPE Yellow, 3x18, 16x22 AWG, 105°C, 9.3 mm OD, Cable #RF50916-*M†, 8-port, 2 signals per port <i>flexlife</i> -20, High Flex - Over 20 million cycles	



* Length in meters.

Standard cable lengths are 5 and 10 meters. Consult factory for other lengths.

Standard coupling nut material is nickel plated brass.. "CSSM..".

† See Section N for *reelfast*® cable information.

12 and 19-Pin Shielded Cordsets, DC Color Code, Standard Wiring

- Shield to Coupling Nut
- For *eurofast*® Junction Boxes and multi-conductor Applications
- IEC IP67 Protection



Connector Style	Female Part Number	Male Part Number	Features	Pinout
CKMS .. 	CKMS 12-7-204-* CKWMS 12-7-204-*	CSMS 12-7-204-* CSWMS 12-7-204-*	ITC/PLTC PVC Yellow, 7x18 AWG, 105°C, 300 V, 6 A, 8.4 mm OD, Cable #RF51204-*M†, 4-port, 1 signal per port, EMI/RFI Protection	1. BN 7. YE 2. N/C 8. GY 3. BU 9. N/C 4. WH 10. N/C 5. N/C 11. N/C 6. GN 12. GN/YE
CKWMS .. 	CKMS 12-9-203-* CKWMS 12-9-203-*	CSMS 12-9-203-* CSWMS 12-9-203-*	ITC/PLTC PVC Yellow, 9x18 AWG, 105°C, 300 V, 6 A, 11.2 mm OD, Cable #RF51203-*M†, 6-port, 1 signal per port, EMI/RFI Protection	1. BN 7. YE 2. N/C 8. GY 3. BU 9. PK 4. WH 10. RD 5. N/C 11. N/C 6. GN 12. GN/YE
CSMS .. 	CKMS 12-11-190-* CKWMS 12-11-190-*	CSMS 12-11-190-* CSWMS 12-11-190-*	ITC/PLTC PVC Yellow, 11x18 AWG, 105°C, 300 V, 6 A, 11.2 mm OD, Cable #RF51190-*M†, 8-port, 1 signal per port, EMI/RFI Protection	1. BN 7. GY 2. N/C 8. PK 3. BU 9. RD 4. WH 10. BK 5. GN 11. VT 6. YE 12. GN/YE
CSWMS .. 	CKMS 19-191-* CKWMS 19-191-*	CSMS 19-191-* CSWMS 19-191-*	PLTC PVC Yellow, 3x18, 16x22 AWG, 105°C, 150 V, 9 A (18 AWG) & 2 A (22 AWG), 11.2 mm OD, Cable #RF51191-*M†, 8 port, 2 signals per port, EMI/RFI Protection	1. VT 7. GY/PK 2. RD 8. WH/GN 3. GY 9. WH/YE 4. RD/BU 10. WH/GY 5. GN 11. BK 6. BU 12. GN/YE 7. GY/PK 13. YE/BN 8. WH/GN 14. BN/GN 9. WH/YE 15. WH 10. WH/GY 16. YE 11. BK 17. PK 12. GN/YE 18. GY/BN 13. YE/BN 19. BN

* Length in meters.

Standard cable lengths are 5 and 10 meters. Consult factory for other lengths.

Standard coupling nut material is nickel plated brass.. "CKMS.."; "CKMSV.." indicates stainless steel coupling nut.

† See Section N for *reelfast*® cable information.

- For *eurofast*® Junction Boxes and multi-conductor Applications
- IEC IP67 Protection
- 150 V, 6 A



Connector Style	Female Part Number	Male Part Number	Features	Pinout
CKAM .. 	CKAM 16-10-* CKAWM 16-10-*	CSAM 16-10-* CSAWM 16-10-*	PVC Yellow, 10x18 AWG, 105°C, 10 mm OD, Cable #RF50607-*M†, 4-port, dual supply, <i>flexlife</i> ®	1. BN 3. BU 4. WH 5. GN/YE 6. OG 7. YE 8. GY 11. BN/WH 13. BU/WH 15. GN/WH Female
CKAWM .. 	CKAM 16-12-* CKAWM 16-12-*	CSAM 16-12-* CSAWM 16-12-*	PVC Yellow, 12x18 AWG, 105°C, 10 mm OD, Cable #RF50606-*M†, 6-port, dual supply, <i>flexlife</i>	1. BN 3. BU 4. WH 5. GN/YE 6. OG 7. YE 8. GY 9. PK 10. RD 11. BN/WH 13. BU/WH 15. GN/WH Female
CSAM .. 	CKAM 16-14-* CKAWM 16-14-*	CSAM 16-14-* CSAWM 16-14-*	PVC Yellow, 14x18 AWG, 105°C, 10.6 mm OD, Cable #RF50576-*M†, 8-port, dual supply, <i>flexlife</i>	1. BN 3. BU 4. WH 5. GN/YE 6. OG 7. YE 8. GY 9. PK 10. RD 11. BN/WH 12. BK 13. BU/WH 14. VT 15. GN/WH Male
CSAWM .. 				

* Length in meters.

Standard cable lengths are 5 and 10 meters. Consult factory for other lengths.

Standard coupling nut material is nickel plated brass.. "CKAM.."; "CKAMV.." indicates stainless steel coupling nut.

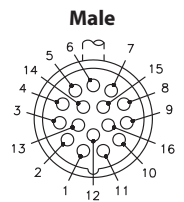
† See Section N for *reelfast*® cable information.

16-Pin Connectors, DC Color Code, Isolated Power Supply

- For *euromast*® Junction Boxes and multi-conductor Applications
- IEC IP67 Protection
- 150 V, 6 A



Connector Style	Male Part Number	Features	Pinout
CSSAM .. Non-rotating coupling nut CSSAWM .. Non-rotating coupling nut	CSSAM 16-10-* CSSAWM 16-10-*	PVC Yellow, 10x18 AWG, 105°C, 10 mm OD, Cable #RF50607-*M†, 4-port, Dual Supply, <i>flexlife</i>®	- BN - BU - WH - GN/YE - OG - YE - GY - BN/WH - BU/WH - GN/WH
	CSSAM 16-12-* CSSAWM 16-12-*	PVC Yellow, 12x18 AWG, 105°C, 10 mm OD, Cable #RF50606-*M†, 6-port, Dual Supply, <i>flexlife</i>	- BN - BU - WH - GN/YE - OG - YE - GY - PK - RD - BN/WH - BU/WH - GN/WH
	CSSAM 16-14-* CSSAWM 16-14-*	PVC Yellow, 14x18 AWG, 105°C, 10.6 mm OD, Cable #RF50576-*M†, 8-port, Dual Supply, <i>flexlife</i>	- BN - BU - WH - GN/YE - OG - YE - GY - PK - RD - BN/WH - BK - BU/WH - VT - GN/WH



Cordsets

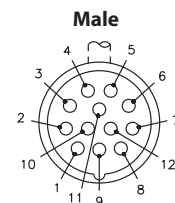
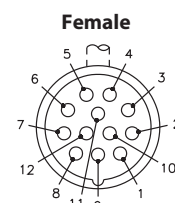
* Length in meters.
Standard cable lengths are 5 and 10 meters. Consult factory for other lengths.
Standard coupling nut material is nickel plated brass.. "CSSAM..".
† See Section N for *reelfast*® cable information.

12-Pin Cordsets, AC & DC Color Code
**multi
fast**

- For *eurofast*®, *minifast*®, and *microfast*® Junction Boxes and multi-conductor Applications
- IEC IP67 Protection
- 300 V, 6 A



Connector Style	Female Part Number	Male Part Number	Features	Pinout
CK*M.. 	CKBM 12-7-* CKBWM 12-7-*	CSBM 12-7-* CSBWM 12-7-*	PVC Black, 7x18 AWG 105°C, 7.2 mm OD, Cable #RF50715-*M [†] , 4-port, AC Color Code, Standard Wiring with LEDs, <i>flexlife</i> ®	1. WH/BK 2. BK 3. WH 4. RD 5. OG 6. BU 7. GN
CK*WM.. 	CKBM 12-11-* CKBWM 12-11-*	CSBM 12-11-* CSBWM 12-11-*	PVC Black, 11x18 AWG, 105°C, 10 mm OD, Cable #RF50716-*M [†] , 8-port, AC Color Code, Standard Wiring with LEDs, <i>flexlife</i>	1. OG 2. BU 3. WH/BK 4. RD/BK 5. GN/BK 6. OG/BK 7. BU/BK 9. GN 10. RD 11. WH 12. BK
CS*M.. 	CKCM 12-7-* CKCWM 12-7-*	CSCM 12-7-* CSCWM 12-7-*	ITC/PLTC PVC Yellow, 7x18 AWG, 105°C, 8.4 mm OD, Cable #RF50637-*M [†] , 4-port 1 signal per port, DC Color Code, <i>flexlife</i>	1. WH 2. GN 3. YE
	CKCM 12-7-*/S90 CKCWM 12-7-*/S90	CSCM 12-7-*/S90 CSCWM 12-7-*/S90	TPU Yellow, 7x18 AWG, 90°C, 7.2 mm OD, Cable #RF50676-*M [†] , 4-port 1 signal per port, DC Color Code, Cut/Abrasion Immune	4. GY 10. BU 11. BN 12. GN/YE
CS*WM.. 	CKCM 12-11-* CKCWM 12-11-*	CSCM 12-11-* CSCWM 12-11-*	ITC/PLTC PVC Yellow, 11x18 AWG, 105°C, 10.5 mm OD, Cable #RF51088-*M [†] , 8-port 1 Signal per port, DC Color Code, <i>flexlife</i>	1. WH 2. GN 3. YE 4. GY 5. PK 6. RD 7. BK 8. VT
	CKCM 12-11-*/S90 CKCWM 12-11-*/S90	CSCM 12-11-*/S90 CSCWM 12-11-*/S90	TPU Yellow, 11x18 AWG, 90°C, 10 mm OD, Cable #RF50678-*M [†] , 8-port 1 signal per port, DC Color Code, Cut/Abrasion Immune	10. BU 11. BN 12. GN/YE



* Length in meters.

Standard cable lengths are 5 and 10 meters. Consult factory for other lengths.

Standard coupling nut material is nickel plated brass.. "CKB(C)M.."; "CKB(C)MV.." indicates stainless steel coupling nut.

[†] See Section N for *reelfast*® cable information.

** Color Code:

C = DC color code

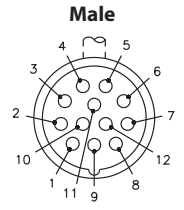
B = AC color code, standard wiring with LEDs

12-Pin Connectors, AC Color Code

- For *eurofast*®, *minifast*®, and *microfast*® Junction Boxes and multi-conductor Applications
- IEC IP67 Protection
- 300 V, 6 A



Connector Style	Male Part Number	Features	Pinout
CSS*M .. Non-rotating coupling nut CSS*WM .. Non-rotating coupling nut	CSSRM 12-6-* CSSRWM 12-6-*	PVC Black, 6x18 AWG, 105°C, 7.2 mm OD, Cable #RF50551-*M†, 4-port, <i>flexlife</i> ®	1. OG 2. BU 4. BK 5. WH 6. RD 7. GN
	CSSRM 12-8-* CSSRWM 12-8-*	PVC Black, 8x18 AWG, 105°C, 10 mm OD, Cable #RF50552-*M†, 6-port, <i>flexlife</i>	1. OG 2. BU 3. YE 4. BK 5. WH 6. RD 7. GN 8. BN
	CSSRM 12-10-* CSSRWM 12-10-*	PVC Black, 10x18 AWG, 105°C, 10 mm OD, Cable #RF50553-*M†, 8-port, <i>flexlife</i>	1. VT 2. BU 3. GY 4. BK 5. WH 6. RD 7. GN 8. YE 9. OG 10. BN
	CSSBM 12-7-* CSSBWM 12-7-*	PVC Black, 7x18 AWG, 105°C, 7.2 mm OD, Cable #RF50715-*M†, 4-port, with LEDs, <i>flexlife</i>	1. WH/BK 2. BK 3. WH 4. RD 5. OG 6. BU 7. GN
	CSSBM 12-11-* CSSBWM 12-11-*	PVC Black, 11x18 AWG, 105°C, 10 mm OD, Cable #RF50716-*M†, 8-port, with LEDs, <i>flexlife</i>	1. OG 2. BU 3. WH/BK 4. RD/BK 5. GN/BK 6. OG/BK 7. BU/BK 9. GN 10. RD 11. WH 12. BK



Cordsets

* Length in meters.

Standard cable lengths are 5 and 10 meters. Consult factory for other lengths.

Standard coupling nut material is nickel plated brass.. "CSSR(B)M..".

† See Section N for *reelfast*® cable information.

** Color Code:

R = AC color code, standard wiring

B = AC color code, standard wiring with LEDs

- For *eurofast*® Junction Boxes and multi-conductor Applications
- IEC IP67 Protection



Connector Style	Female Part Number	Male Part Number	Features	Pinout
CK*M.. 	CKRM 12-6-* CKRWM 12-6-*	CSRM 12-6-* CSRWM 12-6-*	PVC Black, 6x18 AWG, 105°C, 300 V, 6 A, 7.2 mm OD, Cable #RF50551-*M†, 4 port, <i>flexlife</i> ®	Female
CK*WM.. 	CKRM 12-8-* CKRWM 12-8-*	CSRM 12-8-* CSRWM 12-8-*	PVC Black, 8x18 AWG, 105°C, 300 V, 6 A, 10 mm OD, Cable #RF50552-*M†, 6 port, <i>flexlife</i>	Female
CK*M.. 	CKRM 12-10-* CKRWM 12-10-*	CSRM 12-10-* CSRWM 12-10-*	PVC Black, 10x18 AWG, 105°C, 300 V, 6 A, 10 mm OD, Cable #RF50553-*M†, 8 port <i>flexlife</i>	Male
CS*M.. 	CKNM 12-9-* CKNWM 12-9-*	CSNM 12-9-* CSNWM 12-9-*	PLTC PVC Blue, 9x22 AWG, 105°C, 300 V, 3 A, 6.9 mm OD, Cable #RF50741-*M†, 4 port, Namur, 1 isolated circuit per port or 2 circuits per port with common positive, <i>flexlife</i>	Female
CS*WM.. 	CKNM 16-16-* CKNWM 16-16-*	CSNM 16-16-* CSNWM 16-16-*	PLTC PVC Blue, 16x22 AWG, 105°C, 300 V, 3 A, 8.3 mm OD, Cable #RF50744-*M†, 4 port, 2 isolated circuits per port, <i>flexlife</i>	Female

* Length in meters.

Standard cable lengths are 5 and 10 meters. Consult factory for other lengths.

Standard coupling nut material is nickel plated brass.. "CKR(N)M.."; "CKR(N)MV.." indicates stainless steel coupling nut.

† See Section N for *reelfast*® cable information.

**Color Code:

R = AC color code, standard wiring

N = NAMUR color code

12 and 16-Pin Connectors, NAMUR Color Code

- For eurofast® Junction Boxes and multi-conductor Applications
- IEC IP67 Protection



Connector Style	Male Part Number	Features	Pinout
CSSNM .. Non-rotating coupling nut	CSSNM 12-9-* CSSNM 12-9-*	PLTC PVC Blue, 9x22 AWG, 105°C, 300 V, 6 A, 6.9 mm OD, Cable #RF50741-*M†, 4-port, 1 isolated circuit per port or 2 circuits per port with common positive, <i>flexlife</i>®	1. BN 2. WH 3. BK 4. GN 5. RD 6. OG 7. BU 8. YE 9. VT Male
CSSNM .. Non-rotating coupling nut	CSSNM 16-16-* CSSNM 16-16-*	PLTC PVC Blue, 16x22 AWG, 105°C, 300 V, 3 A, 8.3 mm OD, Cable #RF50744-*M†, 4-port, Namur, 2 isolated circuits per port, <i>flexlife</i>,	1. WH 2. BK 3. GN 4. RD 5. OG 6. BU 7. BN 8. YE 9. VT 10. GY 11. PK 12. TN 13. WH/BK 14. WH/GN 15. WH/RD 16. WH/BU Male

* Length in meters.

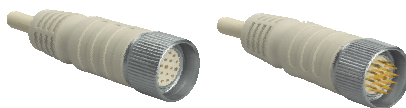
Standard cable lengths are 5 and 10 meters. Consult factory for other lengths.

Standard coupling nut material is nickel plated brass.. "CSSNM..".

† See Section N for **reelfast**® cable information.

19-Pin Washdown Cordsets

- IEC IP67 Protection
- Polypropylene contact holder, mold material and cable jacket



Connector Style	Female Part Number	Male Part Number	Features	Pinout
WD-CKMV .. 	WD-CKMV 19-11-*	WD-CSMV 19-11-*	PP White, 3x18, 8x22 AWG Foil/Drain, 105°C, 150 V, 9 A (6, 12, 19), 2 A (all others), 7.2 mm OD, Cable #RF51371-*M, high chemical solvent resistance, high tensile strength	- N/C - N/C - GY - RD/BU - GN - BU - GY/PK - WH/GN - N/C - N/C - N/C - GN/YE - N/C - BN/GN - WH - YE - N/C - N/C - BN Female
WD-CSMV .. 	WD-CKMV 19-19-*	WD-CSMV 19-19-*	PP White, 3x18, 16x22 AWG Foil/Drain, 105°C, 150 V, 9 A (6, 12, 19), 2 A (all others), 7.9 mm OD, Cable #RF51375-*M, high chemical solvent resistance, high tensile strength	- VT - RD - GY - RD/BU - GN - BU - GY/PK - WH/GN - WH/YE - WH/GY - BK - GN/YE - YE/BN - BN/GN - WH - YE - PK - GY/BN - BN Male

* Length in meters. Standard cable lengths are 2, 4, 5, 6, 8 and 10 meters. Consult factory for other lengths.
Standard coupling nut material is stainless steel.

12 and 19-Pin Push-Pull Cordsets, DC Color Code, Standard Wiring

- Quick Push-Pull Connector
- For *euromast*® Junction Boxes and multi-conductor Applications
- IEC IP67 Protection



Connector Style	Female Part Number	Features	Pinout
CKMH ..	CKMH 12-11-*	ITC/PLTC PVC Yellow, 11x18 AWG, 105°C, 300 V, 6 A, 10.5 mm OD, Cable #RF51088-*M [†] , 8 port, 1 signal per port, flexlife*	Female
	CKMH 12-11-*/S90	TPU Yellow, 11x18 AWG, 90°C, 300 V, 6 A, 10 mm OD, Cable #RF50678-*M [†] , 8 port, 1 signal per port, Cut/Abrasion Immune	Female
	CKMH 19-19-*	PLTC PVC Yellow, 3x18, 16x22 AWG, 105°C, 150 V, 9 A (18 AWG) 2 A (22 AWG), 10.0 mm OD, Cable #RF50620-*M [†] , 8 port, 2 signals per port, flexlife	Female
	CKMH 19-19-*/S90	AWM TPU Yellow, 3x18, 16x22 AWG, 105°C, 150 V, 9 A (18 AWG) 2 A (22 AWG), 10.4 mm OD, Cable #RF50682-*M [†] , 8 port, 2 signals per port, Cut/Abrasion Immune	Female

* Length in meters.

Standard cable lengths are 5 and 10 meters. Consult factory for other lengths.

Standard coupling nut material is nickel plated brass.."CKMH..".

[†] See Section N for *reelfast*® cable information.

26 and 28-Pin Cordsets

- For multi-conductor applications
- IEC IP67 Protection
- 150 V, 5 A



Connector Style	Female Part Number	Male Part Number	Features	Pinout
DKM .. DKWM ..	DKM 26-631-* DKWM 26-631-*	DSM 26-631-* DSWM 26-631-*	PVC Yellow, 25x22 AWG, 1x22 AWG drain, 105°C, 10.0 mm OD, Cable #RF50631-*M†, 25-wire DC applications, <i>flexlife</i>®	1. BN 2. WH/GY 3. BU/GY 4. BN/GY 5. BK/YE 6. WH/YE 7. BU/YE 8. BN/YE 9. BK/RD 10. WH/RD 11. BU/RD 12. BN/RD 13. BK 14. WH 15. BU 16. BK/GY 17. BN/OG 18. WH/OG 19. BK/OG 20. BK/GN 21. WH/GN 22. BU/GN 23. BN/GN 24. BU/OG 25. GN/YE 26. N/C Female Male
DSM .. DSWM ..	DKM 28-061-* DKWM 28-061-*	DSM 28-061-* DSWM 28-061-*	PVC Yellow, 27x22 AWG, 1x22 AWG drain, 105°C, 10.5 mm OD, Cable #RF51061-*M†, 27-wire DC applications, <i>flexlife</i>	1. BN 2. WH/GY 3. BU/GY 4. BN/GY 5. BK/YE 6. WH/YE 7. BU/YE 8. BN/YE 9. BK/RD 10. WH/RD 11. BU/RD 12. BN/RD 13. BK 14. WH 15. BU 16. BK/GY 17. BN/OG 18. WH/OG 19. BK/OG 20. BK/GN 21. WH/GN 22. BU/GN 23. BN/GN 24. BU/OG 25. GN/YE 26. GY 27. OG 28. N/C Female Male

* Length in meters.

Standard cable lengths are 5 and 10 meters. Consult factory for other lengths.

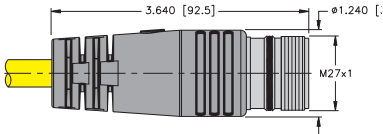
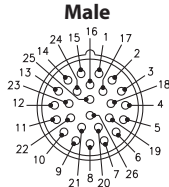
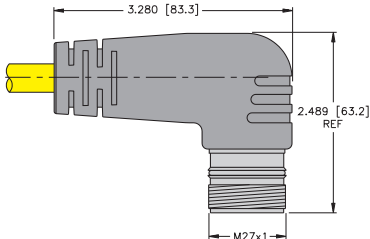
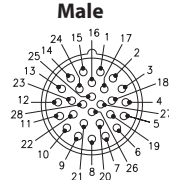
Standard coupling nut material is nickel plated brass.. "DKM.."/"DKWM..".

† See Section N for **reelfast**® cable information.

26 and 28-Pin Cordsets

- For multi-conductor applications
- IEC IP67 Protection
- 150 V, 5 A



Connector Style	Male Part Number	Features	Pinout																													
DSSM ..  Non-rotating coupling nut	DSSM 26-631-* DSSWM 26-631-*	AWM PVC Yellow, 25x22 AWG, 1x22 AWG drain, 105°C, 10.0 mm OD, Cable #RF50631-*M[†], 25-wire DC applications, <i>flexlife</i>®	<table><tr><td>1. BN</td><td>14. WH</td></tr><tr><td>2. WH/GY</td><td>15. BU</td></tr><tr><td>3. BU/GY</td><td>16. BK/GY</td></tr><tr><td>4. BN/GY</td><td>17. BN/OG</td></tr><tr><td>5. BK/YE</td><td>18. WH/OG</td></tr><tr><td>6. WH/YE</td><td>19. BK/OG</td></tr><tr><td>7. BU/YE</td><td>20. BK/GN</td></tr><tr><td>8. BN/YE</td><td>21. WH/GN</td></tr><tr><td>9. BK/RD</td><td>22. BU/GN</td></tr><tr><td>10. WH/RD</td><td>23. BN/GN</td></tr><tr><td>11. BU/RD</td><td>24. BU/OG</td></tr><tr><td>12. BN/RD</td><td>25. GN/YE</td></tr><tr><td>13. BK</td><td>26. N/C</td></tr></table>	1. BN	14. WH	2. WH/GY	15. BU	3. BU/GY	16. BK/GY	4. BN/GY	17. BN/OG	5. BK/YE	18. WH/OG	6. WH/YE	19. BK/OG	7. BU/YE	20. BK/GN	8. BN/YE	21. WH/GN	9. BK/RD	22. BU/GN	10. WH/RD	23. BN/GN	11. BU/RD	24. BU/OG	12. BN/RD	25. GN/YE	13. BK	26. N/C	Male 		
1. BN	14. WH																															
2. WH/GY	15. BU																															
3. BU/GY	16. BK/GY																															
4. BN/GY	17. BN/OG																															
5. BK/YE	18. WH/OG																															
6. WH/YE	19. BK/OG																															
7. BU/YE	20. BK/GN																															
8. BN/YE	21. WH/GN																															
9. BK/RD	22. BU/GN																															
10. WH/RD	23. BN/GN																															
11. BU/RD	24. BU/OG																															
12. BN/RD	25. GN/YE																															
13. BK	26. N/C																															
DSSWM ..  Non-rotating coupling nut	DSSM 28-061-* DSSWM 28-061-*	AWM PVC Yellow, 27x22 AWG, 1x22 AWG drain, 105°C, 10.5 mm OD, Cable #RF51061-*M[†], 27-wire DC applications, <i>flexlife</i>	<table><tr><td>1. BN</td><td>15. BU</td></tr><tr><td>2. WH/GY</td><td>16. BK/GY</td></tr><tr><td>3. BU/GY</td><td>17. BN/OG</td></tr><tr><td>4. BN/GY</td><td>18. WH/OG</td></tr><tr><td>5. BK/YE</td><td>19. BK/OG</td></tr><tr><td>6. WH/YE</td><td>20. BK/GN</td></tr><tr><td>7. BU/YE</td><td>21. WH/GN</td></tr><tr><td>8. BN/YE</td><td>22. BU/GN</td></tr><tr><td>9. BK/RD</td><td>23. BN/GN</td></tr><tr><td>10. WH/RD</td><td>24. BU/OG</td></tr><tr><td>11. BU/RD</td><td>25. GN/YE</td></tr><tr><td>12. BN/RD</td><td>26. GY</td></tr><tr><td>13. BK</td><td>27. OG</td></tr><tr><td>14. WH</td><td>28. N/C</td></tr></table>	1. BN	15. BU	2. WH/GY	16. BK/GY	3. BU/GY	17. BN/OG	4. BN/GY	18. WH/OG	5. BK/YE	19. BK/OG	6. WH/YE	20. BK/GN	7. BU/YE	21. WH/GN	8. BN/YE	22. BU/GN	9. BK/RD	23. BN/GN	10. WH/RD	24. BU/OG	11. BU/RD	25. GN/YE	12. BN/RD	26. GY	13. BK	27. OG	14. WH	28. N/C	Male 
1. BN	15. BU																															
2. WH/GY	16. BK/GY																															
3. BU/GY	17. BN/OG																															
4. BN/GY	18. WH/OG																															
5. BK/YE	19. BK/OG																															
6. WH/YE	20. BK/GN																															
7. BU/YE	21. WH/GN																															
8. BN/YE	22. BU/GN																															
9. BK/RD	23. BN/GN																															
10. WH/RD	24. BU/OG																															
11. BU/RD	25. GN/YE																															
12. BN/RD	26. GY																															
13. BK	27. OG																															
14. WH	28. N/C																															

* Length in meters.

Standard cable lengths are 5 and 10 meters. Consult factory for other lengths.

Standard coupling material is nickel plated brass.. "DSSM.." / "DSSWM..".

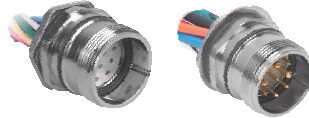
[†] See Section N for **reelfast**® cable information.

Receptacle Selection Guide

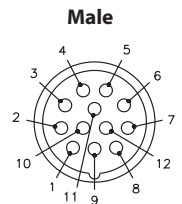
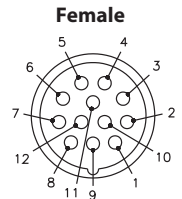
Mounting Style	Image	Panel Thread Types	Page
Front Mount		M23 M27	H21 H31
Rear Mount		M23	H26

12-Pin Receptacles, Front Mount

- For use with Junction Box Home Run Cables
- IEC IP67 Protection
- 300 V, 6 A



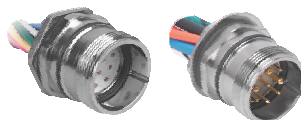
Housing Style	Female Part Number	Male Part Number	Features	Pinout
CS(K)F Typical panel cutout is 20.4 x 19 x 20.4 mm	CKF 12-7-*	CSF 12-7-*	Nickel plated brass, 7x18 AWG, 105° C, 4-port, 1 signal per port	1. BN 3. BU 4. WH 6. GN 7. YE 8. GY 12. GN/YE
	CKF 12-9-*	CSF 12-9-*	Nickel plated brass, 9x18 AWG, 105° C, 6-port, 1 signal per port	1. BN 3. BU 4. WH 6. GN 7. YE 8. GY 9. PK 10. RD 12. GN/YE
	CKF 12-11-*	CSF 12-11-*	Nickel plated brass, 11x18 AWG, 105° C, 8-port, 1 signal per port	1. BN 3. BU 4. WH 5. GN 6. YE 7. GY 8. PK 9. RD 10. BK 11. VT 12. GN/YE
	CKF 12-12-*	CSF 12-12-*	Nickel plated brass, 12x18 AWG, 105° C, 8-port, 1 signal per port	1. BN 2. OG 3. BU 4. WH 5. GN 6. YE 7. GY 8. PK 9. RD 10. BK 11. VT 12. GN/YE
	CKF 12-12-*/S817	CSF 12-12-*/S817	Nickel plated brass, 12x18 AWG, 105° C, 8-port, 1 signal per port	1. BN 2. BU 3. WH 4. GN/YE 5. OG 6. YE 7. GY 8. PK 9. RD 10. BN/WH 11. BU/WH 12. GN/WH


Cordsets

* Length in meters. Standard lead length is 1 meter. Consult factory for other lengths.
 "CSFL .." indicates long mounting threads; "CSFLV .." indicates stainless steel housing with long threads.
 To specify PVC jacketed cable, add "/S717" to the end of the part number.

19-Pin Receptacles, Front Mount

- For use with Junction Box Home Run Cables
- IEC IP67 Protection
- 150 V, 9 A (pins 6, 12, 19), all others 2 A



Housing Style	Female Part Number	Male Part Number	Features	Pinout
CS(K)F Typical panel cutout is 20.4 x 19 x 20.4 mm	CKF 19-11-*	CSF 19-11-*	Nickel plated brass, 3x18, 8x22 AWG, 105°C, 4-port, 2 signals per port	3. GY 4. RD/BU 5. GN 6. BU 7. GY/PK 8. WH/GN 12. GN/YE 14. BN/GN 15. WH 16. YE 19. BN Female
	CKF 19-15-*	CSF 19-15-*	Nickel plated brass,, 3x18, 12x22 AWG, 105°C, 6-port, 2 signals per port	2. RD 3. GY 4. RD/BU 5. GN 6. BU 7. GY/PK 8. WH/GN 9. WH/YE 12. GN/YE 13. YE/BN 14. BN/GN 15. WH 16. YE 17. PK 19. BN
CS(K)FL Typical panel cutout is 20.4 x 19 x 20.4 mm	CKF 19-19-*	CSF 19-19-*	Nickel plated brass, 3x18, 16x22 AWG, 105°C, 8-port, 2 signals per port	1. VT 2. RD 3. GY 4. RD/BU 5. GN 6. BU 7. GY/PK 8. WH/GN 9. WH/YE 10. WH/GY 11. BK 12. GN/YE 13. YE/BN 14. BN/GN 15. WH 16. YE 17. PK 18. GY/BN 19. BN Male

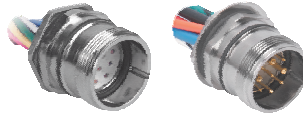
* Length in meters. Standard lead length is 1 meter. Consult factory for other lengths.

"CSFL .." indicates long mounting threads; "CSFLV .." indicates stainless steel housing with long threads.

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

12 and 16-Pin Receptacles, Front Mount

- For use with Junction Box Home Run Cables
- IEC IP67 Protection



Housing Style	Female Part Number	Male Part Number	Features	Pinout
 Typical panel cutout is 20.4 x 19 x 20.4 mm	CKAF 16-10-*	CSAF 16-10-*	Nickel plated brass, 10x18 AWG, 105°C, 150 V, 6 A, 4-port, Isolated Power Supply	1. BN 3. BU 4. WH 5. GN/YE 6. OG 7. YE 8. GY 11. BN/WH 13. BU/WH 15. GN/WH Female
	CKAF 16-12-*	CSAF 16-12-*	Nickel plated brass, 12x18 AWG, 105°C, 150 V, 6 A, 6-port, Isolated Power Supply	1. BN 3. BU 4. WH 5. GN/YE 6. OG 7. YE 8. GY 9. PK 10. RD 11. BN/WH 13. BU/WH 15. GN/WH Male
	CKAF 16-14-*	CSAF 16-14-*	Nickel plated brass,, 14x18 AWG, 105°C, 150 V, 6 A, 8-port, Isolated Power Supply	1. BN 3. BU 4. WH 5. GN/YE 6. OG 7. YE 8. GY 9. PK 10. RD 11. BN/WH 12. BK 13. BU/WH 14. VT 15. GN/WH Male
	CKBF 12-7-*	CSBF 12-7-*	Nickel plated brass, 7x18 AWG, 105°C, 300 V, 6 A, 4-port, with LED's	1. WH/BK 2. BK 3. WH 4. RD 5. OG 6. BU 7. GN Female
	CKBF 12-11-*	CSBF 12-11-*	Nickel plated brass, 11x18 AWG, 105°C, 300 V, 6 A, 8-port, with LED's	1. OG 2. BU 3. WH/BK 4. RD/BK 5. GN/BK 6. OG/BK 7. BU/BK 9. GN 10. RD 11. WH 12. BK Male

* Length in meters. Standard lead length is 1 meter. Consult factory for other lengths.
 "CSA(B)FL .." indicates long mounting threads; "CSA(B)FLV .." indicates stainless steel housing with long threads.
 To specify PVC jacketed cable, add "/S717" to the end of the part number.

12-Pin Receptacles, Front Mount

- For use with Junction Box Home Run Cables
- IEC IP67 Protection
- 300 V, 6 A



Housing Style	Female Part Number	Male Part Number	Features	Pinout
CS(C)(N)F Typical panel cutout is 20.4 x 19 x 20.4 mm	CKCF 12-7-*	CSCF 12-7-*	Nickel plated brass, 7x18 AWG, 105°C, 4-port, 1 signal per port, 4MB12Z-4-*	Female 1. WH 2. GN 3. YE 4. GY 10. BU 11. BN 12. GN/YE
CS(C)(N)FL Typical panel cutout is 20.4 x 19 x 20.4 mm.	CKCF 12-11-*	CSCF 12-11-*	Nickel plated brass, 11x18 AWG, 105°C, 8-port, 1 signal per port, 8MB12Z-4-*	1. WH 2. GN 3. YE 4. GY 5. PK 6. RD 7. BK 8. VT 10. BU 11. BN 12. GN/YE
	CKNF 12-9-*	CSNF 12-9-*	Nickel plated brass, 9x18 AWG, 105°C, 4-port, 1 isolated circuit per port or 2 circuits per port with common positive	Male 1. BN 2. WH 3. BK 4. GN 5. RD 6. OG 7. BU 8. YE 9. VT

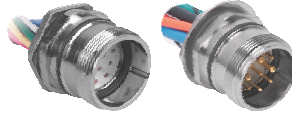
* Length in meters. Standard lead length is 1 meter. Consult factory for other lengths.

"CSC(N or R)FL .." indicates long mounting threads; "CSC(N or R)FLV .." indicates stainless steel housing with long threads.

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

12 and 16-Pin Receptacles, Front Mount

- For use with Junction Box Home Run Cables
- IEC IP67 Protection

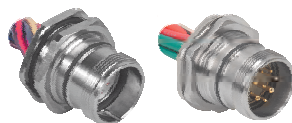


Housing Style	Female Part Number	Male Part Number	Features	Pinout
CS(C)(N)(R)F Typical panel cutout is 20.4 x 19 x 20.4 mm.	CKNF 16-16-*	CSNF 16-16-*	Nickel plated brass, 16x22 AWG, 105°C, 300 V, 3 A, 4-port, 2 isolated circuits per port	Female Male
CS(C)(N)(R)FL Typical panel cutout is 20.4 x 19 x 20.4 mm.	CKRF 12-6-*	CSRF 12-6-*	Nickel plated brass, 6x18 AWG, 105°C, 300 V, 6 A, 4-port, No LEDs	Female
	CKRF 12-8-*	CSRF 12-8-*	Nickel plated brass, 8x18 AWG, 105°C, 300 V, 6 A, 6-port, No LEDs	Male
	CKRF 12-10-*	CSRF 12-10-*	Nickel plated brass, 10x18 AWG, 105°C, 300 V, 6 A, 8-port, No LEDs	Male

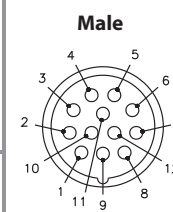
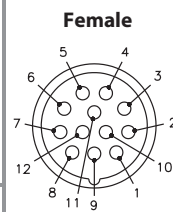
* Length in meters. Standard lead length is 1 meter. Consult factory for other lengths.
 "CSC(N or R)FL .." indicates long mounting threads; "CSC(N or R)FLV .." indicates stainless steel housing with long threads.
 To specify PVC jacketed cable, add "/S717" to the end of the part number.

12-Pin Receptacles, Rear Mount

- For use with Junction Box Home Run Cables
- IEC IP67 Protection
- 300 V, 6 A



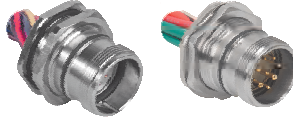
Housing Style	Female Part Number	Male Part Number	Features	Pinout
CS(K)FD Typical panel cutout is 25.4 x 24.3x25.4 mm	CKFD 12-7-*	CSFD 12-7-*	Nickel plated brass, 7x18 AWG, 105°C, 4-port, 1 signal per port	1. BN 3. BU 4. WH 6. GN 7. YE 8. GY 12. GN/YE
	CKFD 12-9-*	CSFD 12-9-*	Nickel plated brass, 9x18 AWG, 105°C, 6-port, 1 signal per port	1. BN 3. BU 4. WH 6. GN 7. YE 8. GY 9. PK 10. RD 12. GN/YE
	CKFD 12-11-*	CSFD 12-11-*	Nickel plated brass,, 11x18 AWG, 105°C, 8-port, 1 signal per port	1. BN 3. BU 4. WH 5. GN 6. YE 7. GY 8. PK 9. RD 10. BK 11. VT 12. GN/YE
	CKFD 12-12-*	CSFD 12-12-*	Nickel plated brass, 12x18 AWG, 105°C, 8-port, 1 signal per port	1. BN 2. OG 3. BU 4. WH 5. GN 6. YE 7. GY 8. PK 9. RD 10. BK 11. VT 12. GN/YE
	CKFD 12-12-*/S817	CSFD 12-12-*/S817	Nickel plated brass, 12x18 AWG, 105°C, 8-port, 1 signal per port	1. BN 2. BU 3. WH 4. GN/YE 5. OG 6. YE 7. GY 8. PK 9. RD 10. BN/WH 11. BU/WH 12. GN/WH



* Length in meters. Standard lead length is 1 meter. Consult factory for other lengths.
To specify PVC jacketed cable, add "/S717" to the end of the part number.

19-Pin Receptacles, Rear Mount

- For use with Junction Box Home Run Cables
- IEC IP67 Protection
- 150 V, 9 A (pins 6, 12, 19), All others 2 A



Housing Style	Female Part Number	Male Part Number	Features	Pinout
CS(K)FD Typical panel cutout is 25.4 x 24.3x25.4 mm	CKFD 19-11-*	CSFD 19-11-*	Nickel plated brass, 3x18, 8x22 AWG, 105°C, 4-port, 2 signals per port	3. GY 4. RD/BU 5. GN 6. BU 7. GY/PK 8. WH/GN 12. GN/YE 14. BN/GN 15. WH 16. YE 19. BN Female
	CKFD 19-15-*	CSFD 19-15-*	Nickel plated brass, 3x18, 12x22 AWG, 105°C, 6-port, 2 signals per port	2. RD 3. GY 4. RD/BU 5. GN 6. BU 7. GY/PK 8. WH/GN 9. WH/YE 12. GN/YE 13. YE/BN 14. BN/GN 15. WH 16. YE 17. PK 19. BN
	CKFD 19-19-*	CSFD 19-19-*	Nickel plated brass,, 3x18, 16x22 AWG, 105°C, 8-port, 2 signals per port	1. VT 2. RD 3. GY 4. RD/BU 5. GN 6. BU 7. GY/PK 8. WH/GN 9. WH/YE 10. WH/GY 11. BK 12. GN/YE 13. YE/BN 14. BN/GN 15. WH 16. YE 17. PK 18. GY/BN 19. BN Male

Cordsets

* Length in meters. Standard lead length is 1 meter. Consult factory for other lengths.
 To specify PVC jacketed cable, add "/S717" to the end of the part number.



16-Pin Receptacles, Rear Mount

- For use with Junction Box Home Run Cables
- IEC IP67 Protection
- 150 V, 6 A

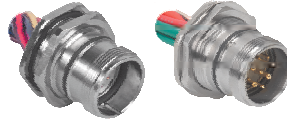


Housing Style	Female Part Number	Male Part Number	Features	Pinout
CS(K)FD Typical panel cutout is 25.4 x 24.3x25.4 mm	CKAFD 16-10-*	CSAFD 16-10-*	Nickel plated brass, 10x18 AWG, 105°C, 4-port, Isolated Power Supply	Female
	CKAFD 16-12-*	CSAFD 16-12-*	Nickel plated brass 12x18 AWG, 105°C, 6-port, Isolated Power Supply	Female
	CKAFD 16-14-*	CSAFD 16-14-*	Nickel plated brass, 14x18 AWG, 105°C, 8-port, Isolated Power Supply	Male

* Length in meters. Standard lead length is 1 meter. Consult factory for other lengths.
To specify PVC jacketed cable, add "/S717" to the end of the part number.

12-Pin Receptacles, Rear Mount

- For use with Junction Box Home Run Cables
- IEC IP67 Protection
- 300 V, 6 A

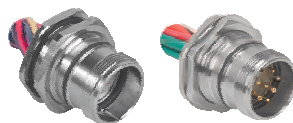


Housing Style	Female Part Number	Male Part Number	Features	Pinout
CS(K)FD Typical panel cutout is 25.4 x 24.3x25.4 mm	CKBFD 12-7-*	CSBFD 12-7-*	Nickel plated brass, 7x18 AWG, 105°C, 4-port, with LEDs	1. WH/BK 2. BK 3. WH 4. RD 5. OG 6. BU 7. GN Female
	CKBFD 12-11-*	CSBFD 12-11-*	Nickel plated brass, 11x18 AWG, 105°C, 8-port, with LEDs	1. OG 2. BU 3. WH/BK 4. RD/BK 5. GN/BK 6. OG/BK 7. BU/BK 9. GN 10. RD 11. WH 12. BK
	CKCFD 12-7-*	CSCFD 12-7-*	Nickel plated brass, 7x18 AWG, 105°C, 4-port, 1 signal per port	1. WH 2. GN 3. YE 4. GY 10. BU 11. BN 12. GN/YE Male
	CKCFD 12-11-*	CSCFD 12-11-*	Nickel plated brass, 11x18 AWG, 105°C, 8-port, 1 signal per port	1. WH 2. GN 3. YE 4. GY 5. PK 6. RD 7. BK 8. VT 10. BU 11. BN 12. GN/YE

* Length in meters. Standard lead length is 1 meter. Consult factory for other lengths.
 To specify PVC jacketed cable, add "/S717" to the end of the part number.

12 and 16-Pin Receptacles, Rear Mount

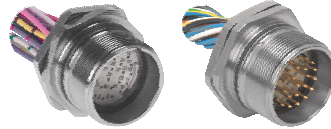
- For use with Junction Box Home Run Cables
- IEC IP67 Protection



Housing Style	Female Part Number	Male Part Number	Features	Pinout
CS(K)FD Typical panel cutout is 25.4 x 24.3x25.4 mm	CKNFD 12-9-*	CSNFD 12-9-*	Nickel plated brass, 9x22 AWG, 105°C, 300 V, 6 A, 4-port, 1 Isolated Circuits Per Port, 2 Circuits Per Port, with Common Positive	Female Male
	CKNFD 16-16-*	CSNFD 16-16-*	Nickel plated brass, 16x22 AWG, 105°C, 300 V, 3 A, 4-port, 2 Isolated Circuits Per Port	Female Male
	CKRFD 12-6-*	CSRFD 12-6-*	Nickel plated brass, 6x18 AWG, 105°C, 300 V, 6 A, 4-port, No LEDs	Female
	CKRFD 12-8-*	CSRFD 12-8-*	Nickel plated brass, 8x18 AWG, 105°C, 300 V, 6 A, 6-port, No LEDs	Female
	CKRFD 12-10-*	CSRFD 12-10-*	Nickel plated brass, 10x18 AWG, 105°C, 300 V, 6 A, 8-port, No LEDs	Male

26 and 28-Pin Receptacles, Front Mount

- For use with Junction Box Home Run Cables
- IEC IP65 Protection



Housing Style	Female Part Number	Male Part Number	Features	Pinout
DS(K)F Typical panel cutout is 28.3 mm	DKF 26-25-*	DSF 26-25-*	PVC Yellow, 25x22 AWG, 105°C, 8.0 mm OD, 150 V, 5.0 A, 25-wire applications	1. BN 2. WH/GY 3. BU/GY 4. BN/GY 5. BK/YE 6. WH/YE 7. BU/YE 8. BN/YE 9. BK/RD 10. WH/RD 11. BU/RD 12. BN/RD 13. BK 14. WH 15. BU 16. BK/GY 17. BN/OG 18. WH/OG 19. BK/OG 20. BK/GN 21. WH/GN 22. BU/GN 23. BN/GN 24. BU/OG 25. GN/YE 26. N/C Female Male
	DKF 28-27-*	DSF 28-27-*	PVC Yellow, 27x22 AWG, 105°C, 8.0 mm OD, 60 V, 3.0 A, 27-wire applications	1. BN 2. WH/GY 3. BU/GY 4. BN/GY 5. BK/YE 6. WH/YE 7. BU/YE 8. BN/YE 9. BK/RD 10. WH/RD 11. BU/RD 12. BN/RD 13. BK 14. WH 15. BU 16. BK/GY 17. BN/OG 18. WH/OG 19. BK/OG 20. BK/GN 21. WH/GN 22. BU/GN 23. BN/GN 24. BU/OG 25. GN/YE 26. GY 27. OG 28. N/C Female Male

* Length in meters. Standard lead length is 1 meter. Consult factory for other lengths.
 To specify PVC jacketed cable, add "/S717" to the end of the part number.

12, 16 and 19-Pin multifast® Field Wireable In-line Connectors

- For Use with Custom Wiring & Junction Boxes
- Convert Hard Wiring into Quick Disconnect
- IEC IP65 Protection



Housing Style	Female Part Number	Features	Pinout
	CK 12-0	Nickel plated brass, PG 11 cable gland, accepts 4-10 mm cable diameter, accepts up to 12x18 AWG conductors, 125°C, 300 V, 8.0 A, field wireable 12-pin in-line connector, for use with <i>minifast</i> ®, <i>eurofast</i> ® (single input per port) and <i>microfast</i> ® junctions boxes	Female
	CK 16-0	Nickel plated brass, PG 13.5 cable gland, accepts 5-12 mm cable diameter, accepts up to 16x18 AWG conductors, 125°C, 150 V, 8.0 A, field wireable 16-pin in-line connector, for use with <i>eurofast</i> ® (isolated power supply) junctions boxes	Female
	CK 19-0	Nickel plated brass, PG 13.5 cable gland, accepts 5-12 mm cable diameter, accepts up to 19x18 AWG conductors, 125°C, 150 V, 8.0 A, field wireable 19-pin in-line connector, for use with <i>eurofast</i> ® (two Signals per port) junctions boxes	Female
	CK 125-0	Nickel plated brass, IAC, accepts 3-10 mm cable diameter accepts up to 12x18 AWG conductors, 125°C, 150 V, 8.0 A, field wireable 12-pin in-line connector	Female

12, 16 and 19-Pin Field Wireable In-line Connectors

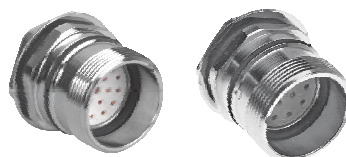
- For Use with Custom Wiring & Junction Boxes
- Convert Hard Wiring into Quick Disconnect
- IEC IP65 Protection



Housing Style	Male Part Number	Features	Pinout
CSS .. Non-rotating coupling nut CS ..	CSS 12-0	Nickel plated brass, PG 13.5 cable gland, accepts 5-12 mm cable diameter, accepts up to 12x18 AWG conductor, 125°C, 300 V, 8.0 A, field wireable 12-pin in-line connector, for use with <i>minifast</i> ®, <i>eurofast</i> ® (single input per port) and <i>microfast</i> ® junctions boxes	Male
	CS 12-0	Nickel plated brass, PG 11 cable gland, accepts 4-10 mm cable diameter, accepts up to 12x18 AWG conductor, 125°C, 300 V, 8.0 A, field wireable 12-pin in-line connector, for use with <i>minifast</i> ®, <i>eurofast</i> ® (single input per port) and <i>microfast</i> ® junctions boxes	Male
	CSS 16-0 CS 16-0	Nickel plated brass, PG 13.5 cable gland, accepts 5-12 mm cable diameter, accepts up to 16x18 AWG conductor, 125°C, 150 V, 8.0 A, field wireable 16-pin in-line connector, for use with <i>eurofast</i> ® (isolated power supply) junctions boxes	Male
	CSS 19-0 CS 19-0	Nickel plated brass, PG 13.5 cable gland, accepts 5-12 mm cable diameter, accepts up to 19x18 AWG conductor, 125°C, 150 V, 8.0 A, field wireable 19-pin in-line connector, for use with <i>eurofast</i> ® (two signals per port) junctions boxes	Male
	CSS 125-0 CS 125-0	Nickel plated brass, IAC, accepts 3-10 mm cable diameter, accepts up to 12x18 AWG conductor, 125°C, 150 V, 8.0 A, field wireable 12-pin in-line connector	Male

12, 16 and 19-Pin Field Wireable, Front Mount

- For Use with Custom Wiring & Junction Boxes
- Convert Hard Wiring into Quick Disconnect
- IEC IP65 Protection



Housing Style	Female Part Number	Features	Pinout
CKF(S) ..	CKF 12-0 CKFL 12-0	Nickel plated brass, accepts up to 12x18 AWG conductor, 125°C, 300 V, 8.0 A, field wireable 12-pin receptacle, for use with <i>minifast</i> ®, <i>eurofast</i> ® (single input per port) and <i>microfast</i> ® junctions boxes	Female
	CKF 16-0 CKFL 16-0	Nickel plated brass, accepts up to 16x18 AWG conductor, 125°C, 150 V, 8.0 A, field wireable 16-pin receptacle, for use with <i>eurofast</i> (isolated power supply) junctions boxes	Female
	CKF 19-0 CKFL 19-0	Nickel plated brass, accepts up to 19x18 AWG conductor, 125°C, 150 V, 8.0 A, field wireable 19-pin receptacle, for use with <i>eurofast</i> (two signals per port) junctions boxes	Female
	CSF 12-0 CSFL 12-0	Nickel plated brass, accepts up to 12x18 AWG conductor, 125°C, 300 V, 8.0 A, field wireable 12-pin receptacle, for use with <i>minifast</i> ®, <i>eurofast</i> ® (single input per port) and <i>microfast</i> ® junctions boxes	Male
	CSF 16-0 CSFL 16-0	Nickel plated brass, accepts up to 16x18 AWG conductor, 125°C, 150 V, 8.0 A, field wireable 16-pin receptacle, for use with <i>eurofast</i> (isolated power supply) junctions boxes	Male
	CSF 19-0 CSFL 19-0	Nickel plated brass, accepts up to 19x18 AWG conductor, 125°C, 150 V, 8.0 A, field wireable 19-pin receptacle, for use with <i>eurofast</i> (two signals per port) junctions boxes	Male

12, 16 and 19-Pin Field Wireable Receptacles, Rear Mount

- For Use with Custom Wiring & Junction Boxes
- Convert Hard Wiring into Quick Disconnect
- IEC IP65 Protection



Housing Style	Female Part Number	Features	Pinout
CKFD ..	CKFD 12-0	Nickel plated brass, accepts up to 12x18 AWG conductor, 125°C, 300 V, 8.0 A, field wireable 12-pin receptacle, for use with <i>minifast</i> ®, <i>eurofast</i> ® (single input per port) and <i>microfast</i> ® junctions boxes	Female
	CKFD 16-0	Nickel plated brass, accepts up to 16x18 AWG conductor, 125°C, 150 V, 8.0 A, field wireable 16-pin receptacle, for use with <i>eurofast</i> (isolated power supply) junctions boxes	Female
	CKFD 19-0	Nickel plated brass, accepts up to 19x18 AWG conductor, 125°C, 150 V, 8.0 A, field wireable 19-pin receptacle, for use with <i>eurofast</i> (two signals per port) junctions boxes	Female

Conduit Adapters, 1 Port

multifast

- Attaches to Standard Crouse-Hinds 3/4" Form 8, Mark 9 Conduit Bodies for Transition to 12 and 19-Pin *multifast* Connectors
- Gasket and 8-32 x 1/2 Mounting Screws Included
- IP67 Protection (only when all receptacles are mated or covered with plugs)
- Terminal Strips Accept Up to 14 AWG Wires



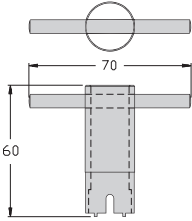
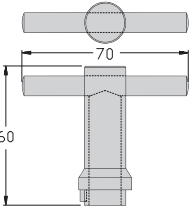
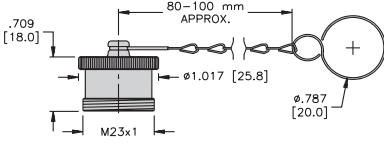
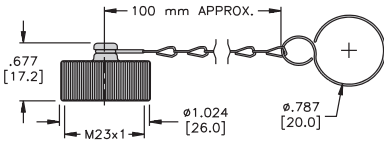
Housing Style	Part Number	Features	Wiring Diagram
	CA-1/CK 12	Nylon housing, nickel plated brass receptacle housing, 80°C, 300 V, 4 A, attaches to standard conduit body for transition to 12-pin <i>multifast</i> connector	
	CA-1/CKV 12	Nylon housing, stainless steel receptacle housing, 80°C, 300 V, 4 A, Attaches to standard conduit body for transition to 12-pin <i>multifast</i> connector	
	CA-1/CK 19	Nylon housing, nickel plated brass receptacle housing, 80°C, 150 V, 4 A, attaches to standard conduit body for transition to 19-pin <i>multifast</i> connector	
	CA-1/CKV 19	Nylon housing, stainless steel receptacle housing, 80°C, 150 V, 4 A, attaches to standard conduit body for transition to 19-pin <i>multifast</i> connector	

Pinouts

Female	
12-Pin	19-Pin

Accessories

- Field Wireable Assembly Tools
- Closure Caps

Housing Style	Part Number	Features
	CK-T00L	Tool to aid assembly of all M23 multifast field wireables with female threads
	CKF-T00L	Tool to aid assembly of all M23 multifast field wireables with male threads
	CS-CC	Nickel plated brass Neoprene gasket, closure caps for multifast cordset connectors
	CK-CC	Nickel plated brass Neoprene gasket, closure caps for multifast receptacles (CSF and CKF) and CSS cordset connectors

Application Considerations

Installation Guidelines

TURCK's powerfast™ products are easy to install by following a few simple guidelines:

- It is important to know the electrical requirements of the application and to select a cordset that has the proper amperage and voltage ratings for the application.
- Cables must be supported to prevent movement on the equipment. Per NFPA 79, the cable must be supported every 12 inches in a non-vertical run, every 36 inches in a vertical run and every 18 inches when suspended in air. The cable should also be supported at any connection points or terminations.

Note: Consult NFPA 79 (Electrical Standard for Industrial Machinery) for required over current protection of conductors and other selection and installation guidelines for industrial machine applications.

- The cordsets are not intended for disconnection under load. TURCK offers **powerlok** fittings that prevent the possibility of disconnection. These fittings are not required for use, but can be used as a precautionary measure.
- Power should never be supplied from the male connector. The source of power should always be supplied from the female connector.
- Use TURCK closure caps to protect connectors from damage or dirt when not connected.

Cable Options

TURCK offers multiple cable options for the **powerfast** products. The majority of TURCK's **powerfast** products use cables that carry a tray rated, exposed run (TC-ER) approval. Select TURCK **powerfast** products may carry an additional STOOW cable approval, although versions that carry the STOOW and TC-ER approval are also available as TC-ER only.

Both the STOOW/TC-ER cable and the TC-ER only cable version are premium cable offerings, however, the TC-ER only version has a slightly reduced cable outer diameter. This feature offers more flexibility and is a more cost effective solution. This cable option can be designated by adding a "/S4000" to the end of the part description where applicable.

Estimated hp ratings for D-Size powerfast

(Based on 85% motor efficiency and 90% power factor.)

Single Phase (2 Current Carrying Conductors)				
Pin Count	AWG	Current (amps)	Voltage (volts)	Power (hp)
3-pin	10 AWG	30	230	7
			460	14
			575	17
	12 AWG	25	230	5
			460	11
			575	14
	14 AWG	18	230	4
			460	8
			575	10

Three Phase (3 Current Carrying Conductors)				
Pin Count	AWG	Current (amps)	Voltage (volts)	Power (hp)
4-pin	10 AWG	25	230	10
			460	20
			575	25
	12 AWG	20	230	8
			460	16
			575	20
	14 AWG	15	230	6
			460	12
			575	15

Note: These tables are theoretical values and are for reference only. Values will vary based on load conditions, as well as condition, age and type of motor. Please consult a qualified electrician for specific product sizing requirements. Current limits for conductor gauge size taken from NFPA 79 2007 edition.