

PANDUIT® ELECTRICAL SOLUTIONS

A.
System
Overview



Insulated Ferrules – Single Wire French End Sleeve

Type FSF

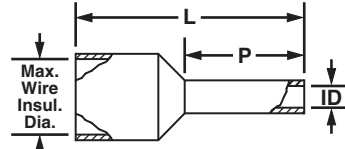
B1.
Cable Ties

- Polypropylene insulation housing conforms to French color requirements
- Meets DIN standards for single wire containment
- Funnel entry for faster insertion and lower installed cost

- Eases insertion of wire into terminal block
- Suitable for limited space panel applications
- Multiple pin lengths available for a variety of terminal blocks

B2.
Cable
Accessories

B3.
Stainless
Steel Ties



C1.
Wiring
Duct

C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management

D1.
Terminals

D2.
Power
Connectors

D3.
Grounding
Connectors

E1.
Labeling
Systems

E2.
Labels

E3.
Pre-Printed
& Write-On
Markers

E4.
Permanent
Identification

E5.
Lockout/
Tagout/
& Safety
Solutions

F.
Index

Part Number	Wire Size		Color	Maximum Wire Insulation		Figure Dimensions						Wire Strip Length		Recommended Installation Tool	Std. Pkg. Qty.
	AWG	mm ²		In.	mm	L		P		ID		In.	mm		
FSF72-6-D	26 AWG	0.14	Brown	0.07	1.7	0.41	10.5	0.24	6.0	0.03	0.8	3/8	9.5	CT-1002, CT-1123	500
FSF72-8-D				0.07	1.7	0.49	12.5	0.31	8.0	0.03	0.8	15/32	11.9		500
FSF73-6-D	24 AWG	0.25	Violet	0.07	1.7	0.41	10.5	0.24	6.0	0.03	0.8	3/8	9.5		500
FSF73-8-D				0.07	1.7	0.49	12.5	0.31	8.0	0.03	0.8	15/32	11.9		500
FSF74-6-D	22 AWG	0.34	Pink	0.07	1.7	0.41	10.5	0.24	6.0	0.03	0.8	3/8	9.5	CT-1002, CT-1003, CT-1123	500
FSF74-8-D				0.07	1.7	0.49	12.5	0.31	8.0	0.03	0.8	15/32	11.9		500
FSF75-6-D	20 AWG	0.50	White	0.09	2.2	0.45	11.5	0.24	6.0	0.04	1.1	3/8	9.5		500
FSF75-8-D				0.09	2.2	0.53	13.5	0.31	8.0	0.04	1.1	15/32	11.9		500
FSF75-10-D	18 AWG	0.75	Blue	0.09	2.2	0.61	15.5	0.39	10.0	0.04	1.1	17/32	13.5	CT-1002, CT-1003, CT-1123	500
FSF76-6-D				0.09	2.4	0.47	12.0	0.24	6.0	0.05	1.3	3/8	9.5		500
FSF76-8-D	16 AWG	1.0	Red	0.09	2.4	0.55	14.0	0.31	8.0	0.05	1.3	15/32	11.9		500
FSF76-10-D				0.09	2.4	0.63	16.0	0.39	10.0	0.05	1.3	17/32	13.5		500
FSF76-12-D	14 AWG	1.5	Black	0.09	2.4	0.71	18.0	0.47	12.0	0.05	1.3	5/8	15.9	CT-1002, CT-1003, CT-1123	500
FSF77-6-D				0.11	2.7	0.49	12.5	0.24	6.0	0.06	1.5	3/8	9.5		500
FSF77-8-D	12 AWG	2.0	Gray	0.11	2.7	0.57	14.5	0.31	8.0	0.06	1.5	15/32	11.9		500
FSF77-10-D				0.11	2.7	0.65	16.5	0.39	10.0	0.06	1.5	17/32	13.5		500
FSF77-12-D	10 AWG	2.5	Orange	0.11	2.7	0.73	18.5	0.47	12.0	0.06	1.5	5/8	15.9	CT-1002, CT-1003, CT-1123	500
FSF78-6-D				0.12	3.0	0.49	12.5	0.24	6.0	0.07	1.8	3/8	9.5		500
FSF78-8-D	8 AWG	3.0	Brown	0.12	3.0	0.57	14.5	0.31	8.0	0.07	1.8	15/32	11.9		500
FSF78-10-D				0.12	3.0	0.65	16.5	0.39	10.0	0.07	1.8	17/32	13.5		500
FSF78-12-D	6 AWG	4.0	Green	0.12	3.0	0.73	18.5	0.47	12.0	0.07	1.8	5/8	15.9	CT-1002, CT-1003, CT-1123	500
FSF78-18-D				0.12	3.0	0.96	24.5	0.71	18.0	0.07	1.8	7/8	22.2		500
FSF79-8-D	4 AWG	10.0	Blue	0.13	3.2	0.57	14.5	0.31	8.0	0.08	2.1	15/32	11.9		500
FSF80-8-D				0.15	3.7	0.59	15.0	0.31	8.0	0.09	2.3	15/32	11.9		500
FSF80-12-D	2 AWG	35.0	Red	0.15	3.7	0.75	19.0	0.47	12.0	0.09	2.3	5/8	15.9	CT-1002, CT-1003, CT-1123	500
FSF80-18-D				0.15	3.7	0.98	25.0	0.71	18.0	0.09	2.3	7/8	22.2		500
FSF81-10-D	1 AWG	50.0	White	0.17	4.3	0.69	17.5	0.39	10.0	0.11	2.9	17/32	13.5		500
FSF81-12-C				0.17	4.3	0.79	20.0	0.47	12.0	0.11	2.9	5/8	15.9		100
FSF81-18-C	1/2 AWG	70.0	Black	0.17	4.3	1.02	26.0	0.71	18.0	0.11	2.9	7/8	22.2	CT-1002, CT-1003, CT-1123	100
FSF82-12-C				0.22	5.5	0.79	20.0	0.47	12.0	0.14	3.6	5/8	15.9		100
FSF82-18-C	1/4 AWG	100.0	Brown	0.22	5.5	1.02	26.0	0.71	18.0	0.14	3.6	7/8	22.2		100
FSF83-12-C				0.27	6.8	0.83	21.0	0.47	12.0	0.18	4.6	5/8	15.9		100
FSF83-18-C	1/8 AWG	150.0	Blue	0.27	6.8	1.06	27.0	0.71	18.0	0.18	4.6	7/8	22.2	CT-1003, CT-1004, CT-1123, CT-1104	100
FSF84-12-C				0.35	8.8	0.91	23.0	0.47	12.0	0.24	6.0	5/8	15.9		100
FSF84-18-C	3/16 AWG	200.0	White	0.35	8.8	1.14	29.0	0.71	18.0	0.24	6.0	7/8	22.2		100
FSF85-16-L				0.41	10.3	1.14	29.0	0.63	16.0	0.30	7.5	3/4	19.1		50
FSF85-18-L	1/4 AWG	25.0	Black	0.41	10.3	1.22	31.0	0.71	18.0	0.30	7.5	7/8	22.2	CT-1005	50
FSF85-22-L				0.41	10.3	1.38	35.0	0.87	22.0	0.30	7.5	1	25.4		50
FSF86-16-L	1/8 AWG	35.0	Red	0.45	11.5	1.18	30.0	0.63	16.0	0.33	8.5	3/4	19.1		50
FSF86-18-L				0.45	11.5	1.26	32.0	0.71	18.0	0.33	8.5	7/8	22.2		50
FSF86-25-L	1/16 AWG	50.0	Blue	0.45	11.5	1.54	39.0	0.98	25.0	0.33	8.5	1 1/8	28.6	CT-1006	50
FSF87-20-L				0.54	13.7	1.42	36.0	0.79	20.0	0.41	10.5	15/16	23.8		50
FSF87-25-Q	1/32 AWG	70.0	White	0.54	13.7	1.61	41.0	0.98	25.0	0.41	10.5	1 1/8	28.6		25
FSF88-20-L				0.54	13.7	1.61	41.0	0.98	25.0	0.41	10.5	1 1/8	28.6		25

For crimping tool information, see page D1.85.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

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[FSF78-12-D](#) [FSF84-12-C](#)