WIRE FERRULE CROSS-REFERENCE CHART

Wire Ferrule Cross-Reference Chart (DIN 46228-4)

Quick loose-bulk comparison from 0.5 to 50 mm² across Termnex HE, Phoenix Contact AI, Weidmüller H, Panduit FSD, and WAGO 216 insulated single ferrules.

Conductor (AWG ref.)	DIN Colour (DIN 47002)	Pin / L (mm)	Termnex HE Model	Phoenix Contact (Series AI)	Weidmüller (Series H · DIN)	Panduit (Series FSD)	WAGO (Series 216)
0.5 mm² (22)	White	6 / 12	HE0506 [UL]	3200687	9019000000	FSD75-6-D	216-221
0.5 mm² (22)	White	8 / 14	HE0508 [UL]	3200014 / 3200881	9019010000	FSD75-8-D	216-201
0.75 mm² (20)	Grey	8 / 14.3	HE7508 [UL]	3200519 / 3200894	9019040000	FSD76-8-D	216-202
0.75 mm² (20)	Grey	10 / 16.3	HE7510 [UL]	2100117 / 2100119	9019050000	FSD76-10-D	216-242
1 mm² (18)	Red	8 / 14.5	HE1008 [UL]	3200030 / 3200904	9019080000	FSD77-8-D	216-203
1 mm² (18)	Red	12 / 18.3	HE1012 [UL]	3200674	9019110000	FSD77-12-D	216-263
1.5 mm² (16)	Black	8 / 14.5	HE1508 [UL]	3200043 / 3200917	9019120000	FSD78-8-D	216-204
1.5 mm² (16)	Black	10 / 16.5	HE1510 [UL]	3200195 / 1208872	9019130000	FSD78-10-D	216-244
1.5 mm² (16)	Black	12 / 18.5	HE1512 [UL]	3201482	9019140000	FSD78-12-D	216-264
2.5 mm² (14)	Blue	8 / 15.4	HE2508 [UL]	3200522 / 3200920	9019160000	FSD80-8-D	216-206
2.5 mm² (14)	Blue	12 / 19.4	HE2512 [UL]	3200962	9019170000	FSD80-12-D	216-266
4 mm² (12)	Grey	10 / 17.4	HE4010 [UL]	3200535	9019190000	FSD81-10-D	216-207
4 mm² (12)	Grey	12 / 19.4	HE4012 [UL]	3200959	9019200000	FSD81-12-C	216-267
6 mm² (10)	Yellow	12 / 20.5	HE6012 [UL]	3200548	9019220000	FSD82-12-C	216-208
10 mm² (8)	Red	12 / 20.8	HE10-12	3200551	9019240000	FSD83-12-C	216-209
16 mm² (6)	Blue	12 / 22	HE16-12	3200564	9019260000	FSD84-12-C	—
25 mm² (4)	Yellow	16 / 28	HE25-16	3200577	9019280000	FSD85-16-L	—
35 mm² (2)	Red	16 / 30	HE35-16	3200441	9019310000	FSD86-16-L	—
50 mm² (1/0)	Blue	20 / 36	HE50-20	3200454	9019340000	FSD87-20-L	—

Notes: Representative loose-bulk DIN 46228-4 equivalents shown (collar colours per DIN 47002; Termnex supplies loose bags, 25–1000 pcs). [UL] = cULus Listed to UL 486F (applies strictly to 29 covered HE models, 0.5–6 mm²; official UL certificate supplied with quotation). Use the online tool at termnex.com/wire-ferrule-cross-reference/ for all 772 matched OEM parts, Special/French colours, and Excel BOM conversion.

TWIN, NON-INSULATED & BRAND PART-NUMBER GUIDE

Twin (HTE), Non-Insulated (HEN) & OEM Decoding

Quick reference for twin and bare ferrules plus key numbering differences across OEM brands.

Twin Insulated Ferrules · Termnex HTE (Not UL listed)

mm²/Pin	Termnex	Phoenix	Weidmüller	Panduit	WAGO
2×0.5/8	HTE0508	3200933	9004440000	FTD75-8-D	—
2×0.75/8	HTE7508	3200807	9018510000	FTD76-8-D	216-522
2×0.75/10	HTE7510	3200975	9004770000	FTD76-10-D	—
2×1/8	HTE1008	3200810	9018530000	FTD77-8-D	—
2×1.5/8	HTE1508	3200823	9004410000	FTD78-8-D	—
2×1.5/12	HTE1512	3200991	9004750000	FTD78-12-D	216-1543
2×2.5/10	HTE2510	3200836	9004430000	FTD80-10-TL	216-1535
2×4/12	HTE4012	1213204	9004730000	FTD81-12-C	216-546
2×6/14	HTE6014	1213205	—	FTD82-14-C	—

Non-Insulated Ferrules · Termnex HEN (Bare tinned copper)

mm²/L	Termnex	Phoenix A	Weidmüller	Panduit F	WAGO
0.5/6	HEN0506	3200218	0282600000	F75-6-M	216-121
0.75/6	HEN7506	3200221	0282700000	F76-6-M	216-122
1/6	HEN1006	3200247	0372600000	F77-6-M	216-123
1.5/10	HEN1510	3200276	0186500000	F78-10-M	216-144
2.5/10	HEN2510	2100062	9004080000	F80-10-M	216-106
4/12	HEN4012	3200315	0244100000	F81-12-M	—
6/12	HEN6012	3200328	0191900000	F82-12-M	216-108
10/12	HEN10-12	3200331	0282900000	F83-12-D	216-109
25/25	HEN25-25	1090634	9004170000	F85-25-C	216-413

How to read OEM wire ferrule part numbers

Phoenix Contact

Orders use 7-digit IDs (e.g. 3200522 = 2.5 mm² 8 mm DIN Blue). AI = single, AI-TWIN = twin, A = bare. Watch Special/French colours and taped -B/reel codes (Termnex ships loose bags). AI-XL wide collars are excluded.

Weidmüller

10-digit codes end in 0000 (e.g. 9019160000). H-names state total length after slash—H1,5/14D has an 8 mm pin (14 mm overall) → HE1508. D = DIN, T = French, unmarked = Weidmüller colours, ZH = twin, BD = strip/reel.

Panduit

FSD = single DIN, FTD = twin, F = bare, followed by size code (75=0.5 … 81=4.0 mm²), pin length, and pack letter (-C=100, -D=500, -M=1000). FSDX/FSDXL expanded collars and -DSL/-K reels are flagged Functional alternative.

WAGO

216 series encodes style and pin length in the middle digit: 216-2xx insulated, 216-1xx bare, 216-5xx/15xx twin. Pin lengths: 22x=6 mm, 20x=8 mm, 24x=10 mm, 26x=12 mm, 28x=18 mm. Check 216-30x non-DIN colours.

Substitution checklist & independent notice: (1) Verify collar colour code (DIN 46228-4 vs Special vs French NF C 63-023) before ordering. (2) cULus UL 486F covers strictly the 29 listed Termnex HE single models (0.5–6 mm², excluding HE1506 and all HTE/HEN/HE 10 mm²+; official UL certificate supplied with quotation). (3) Termnex ships loose bulk bags—do not feed directly into automated bandolier/reel machines. All third-party brand names, trademarks and part numbers are the property of their respective owners and are used strictly for technical cross-reference; Termnex has no affiliation or endorsement from Phoenix Contact, Weidmüller, Panduit or WAGO. Full 772-part searchable database and Excel BOM batch converter: termnex.com/wire-ferrule-cross-reference/