

Hermetic press-fit lugs ALU-F (rod), DIN 46329

Application: cable lugs for wet rooms and outdoor applications. For Al conductors according to DIN 48201 and Al cable strands according to VDE 0295.

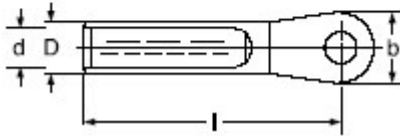
Voltage: up to 36 kV;

Material: Al 99.5;

Surface:

ALU-F: uncoated;

ALU-F-V: electrochemically tin-plated (20 µm thick coating).



Name	Conductor cross-section, mm ² (rm/sm)/se	Conductor diameter, mm (According to VDE 0295/According to DIN 48201/5)	Matrix code	D/d, mm	l/b, mm	Fixing screw M	Number of clamping points (mech./hidraul.)
16×8 ALU-F	16/25	5.2-5.6/5.1	12	12.0/5.4	50/20	8.0	4/2
16×10 ALU-F	16/25	5.2-5.6/5.1	12	12.0/5.4	50/25	10.0	4/2
25×8 ALU-F	25/35	5.6-6.7/6.3	12	12.0/6.8	50/20	8.0	4/2
25×10 ALU-F	25/35	5.6-6.7/6.3	12	12.0/6.8	50/25	10.0	4/2
25×12 ALU-F	25/35	5.6-6.7/6.3	12	12.0/6.8	50/25	13.0	4/2
35×8 ALU-F	35/50	6.6-7.8/7.5	14	14.0/8.0	62/25	8.0	5/2
35×10 ALU-F	35/50	6.6-7.8/7.5	14	14.0/8.0	62/25	10.0	5/2
35×12 ALU-F	35/50	6.6-7.8/7.5	14	14.0/8.0	62/25	13.0	5/2
50×8 ALU-F	50/70	7.7-9.4/9.0	16	16.0/9.8	62/25	8.0	5/2
50×10 ALU-F	50/70	7.7-9.4/9.0	16	16.0/9.8	62/25	10.0	5/2
50×12 ALU-F	50/70	7.7-9.4/9.0	16	16.0/9.8	62/25	13.0	5/2

70×10 ALU-F	70/95	9.3-11.0/10.5	18	18.5/1 1.2	72/25	10.5	6/3
70×12 ALU-F	70/95	9.3-11.0/10.5	18	8.5/11 .2	72/2 5	13.0	6/3
95×10 ALU-F	95/120	11.0-12.4/12.5	22	22.0/1 3.2	78/25	10.0	6/3
95×12 ALU-F	95/120	11.0-12.4/12.5	22	22.0/1 3.2	75/2 5	13.0	6/3
120×10 ALU-F	120/150	12.5-13.8/14.0	22	23.0/1 4.7	84/30	10.0	6/3
120×12 ALU-F	120/150	12.5-13.8/14.0	22	23.0/1 4.7	80/30	13.0	6/3
120×16 ALU-F	120/150	12.5-13.8/14.0	22	23.0/1 4.7	80/3 0	17.0	6/3
150×10 ALU-F	150/185	13.9-15.0/15.7	25	25.0/1 6.3	90/30	10.0	6/3
150×12 ALU-F	15/185	13.9-15.0/15.7	25	25.0/1 6.3	90/3 0	13.0	6/3
150×16 ALU-F	150/185	13.9-15.0/15.7	25	25.0/1 6.3	90/3 0	17.0	6/3
185×10 ALU-F	185/240	15.5-16.8/17.5	28	28.5/1 8.3	91/30	10.0	6/3
185×12 ALU-F	185/240	15.5-16.8/17.5	28	28.5/1 8.3	91/3 0	13.0	6/3
185×16 ALU-F	185/240	15.5-16.8/17.5	28	28.5/1 8.3	91/3 0	17.0	6/3
185×20 ALU-F	185/240	15.5-16.8/17.5	28	28.5/1 8.3	91/3 8	21.0	6/3
240×10 ALU-F	240/300	17.8-19.2/20.3	32	32.0/2 1.0	103/3 8	10.0	8/3
240×12 ALU-F	240/300	17.8-19.2/20.3	32	32.0/2 1.0	103/ 38	13.0	8/3
240×16 ALU-F	240/300	17.8-19.2/20.3	32	32.0/2 1.0	103/ 38	17.0	8/3
240×20 ALU-F	240/300	17.8-19.2/20.3	32	32.0/2 1.0	103/ 38	21.0	8/3
300×12 ALU-F	300	20.0-21.6/22.5	34	34.0/2 3.3	103/3 8	13.0	8/3
300×16 ALU-F	300	20.0-21.6/22.5	34	34.0/2 3.3	103/ 38	17.0	8/3
400×12 ALU-F	400	22.9-24.6	38	38.5/2 6.0	116/3 8	13.0	-/3
500×12 ALU-F	500	25.7-27.6	44	44.0/2 9.0	122/4 4	13.0	-/4
500×16 ALU-F	500	25.7-27.6	44	44.0/2 9.0	122/ 44	17.0	-/4

Please enquire further about other nozzle sizes and ALU-F-V (tin-plated) nozzles. Cable lugs are filled with special contact paste and hermetically sealed in plastic.

Designations used: rm-round multicore conductor; sm-sector multicore conductor; re-conductor single-wire round monolith; se-conductor single-wire sector monolith.