ERGOM®

Al-Cu tubular terminals

Al-Cu tubular terminals - ring terminals

Al-Cu tubular terminals - joints

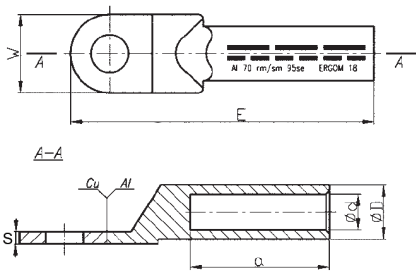
Al-Cu tubular terminals - pins

Al-Cu tubular terminals - washers

Aluminium-copper longitudinally sealed tubular terminals, TMA type

FEATURES & BENEFITS

- ring terminal, Cu-Al
- description of cable cross-section, terminal size and crimping die number on crimped part surface
- low-cost version



LOGISTIC DATA

Quantity in package [pcs]	10

MECHANICAL DATA

Material	Al-Cu
Covering	uncoated

NOTE!

- terminals are filled with special contact grease, packed in a separate foil bag;
- sector-shaped conductors must be rounded with special dies.

Type	Cross-section, rm/sm [mm²]	Cross-section, re/se [mm²]	a	d	D	E	S	W	Screw hole	Socket code no.	Lz/s	Lz/w	Weight [kg]
TMA 16/8	16	25	32	5,8	10	70	3,0	16,0	M8	12	2	4	0,19
TMA 16/10									M10				
TMA 25/8	25	35	34	7,2	12	75	3,0	18,0	M8	12	2	4	0,21
TMA 25/10									M10				0,2
TMA 35/8	35	50	40	8,5	14	85	3,0	20,0	M8	14	3	5	0,3
TMA 35/10									M10				
TMA 50/8	50	70	42	9,7	16	90	3,5	23,0	M8	16	3	5	0,4
TMA 50/10									M10				
TMA 50/12									M12				
TMA 50/14									M14				
TMA 70/10	70	95	47	11,5	18	102	3,5	26,0	M10	18	3	6	0,65
TMA 70/12									M12				0,6
TMA 70/14									M14				
TMA 70/16									M16				
TMA 95/10	95	120	50	13,5	22	112	4,5	28,0	M10	22	3	6	0,9
TMA 95/12									M12				
TMA 95/14									M14				
TMA 95/16									M16				
TMA 120/10	120	150	53	15,0	22	120	4,5	31,0	M10	22	3	7	1,1
TMA 120/12									M12				
TMA 120/14									M14				
TMA 120/16									M16				
TMA 150/10	150	185	55	16,5	24	125	5,5	35,0	M10	25	3	7	1,3
TMA 150/12									M12				1,2
TMA 150/14									M14				1,25
TMA 150/16									M16				
TMA 150/20									M20				1,3
TMA 185/10	185	240	58	18,5	27	133	6,0	37,5	M10	28	3	7	1,8
TMA 185/12									M12				
TMA 185/14									M14				
TMA 185/16									M16				1,7
TMA 185/20									M20				
TMA 240/10	240	300	60	21,0	30	140	6,5	40,0	M10	32	3	8	2,4
TMA 240/12									M12				
TMA 240/14									M14				
TMA 240/16									M16				2,1
TMA 240/20									M20				

Type	Cross-section, rm/sm [mm²]	Cross-section, re/se [mm²]	a	d	D	E	S	W	Screw hole	Socket code no.	Lz/s	Lz/w	Weight [kg]
TMA 300/10	300	-	65	23,5	34	160	7,0	44,5	M10	34	3	8	3,8
TMA 300/12									M12				3,7
TMA 300/14									M14				
TMA 300/16									M16				
TMA 300/20									M20				

Lz/s - Number of crimping - wide Lz/w - Number of crimping - narrow

Aluminium-copper longitudinally sealed tubular terminals, KCA type

FEATURES & BENEFITS

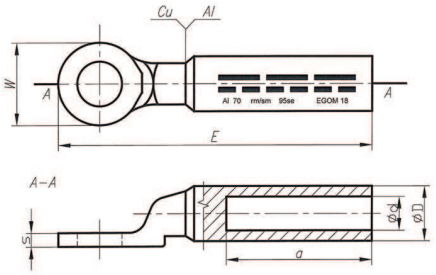
- ring terminal Cu-Al, crimped part as per DIN
- description of cable cross-section, terminal size and crimping die number on crimped part surface

LOGISTIC DATA

Quantity in package [pcs]	10

MECHANICAL DATA

Material	Al-Cu
Covering	uncoated



CERTIFICATES & STANDARDS

Design	DIN 46329 – concerns only the tubular part

NOTE!

- terminals are filled with special contact grease, packed in a separate foil bag;
- sector-shaped conductors must be rounded with special dies.

Type	Cross-section, rm/sm [mm²]	Cross-section, re/se [mm²]	a	d	D	E	S	W	Screw hole	Socket code no.	Lz/s	Lz/w	Weight [kg]
KMA 16/8	16	25	30,0	5,6	12,0	59,0	4,0	24	M8	12	2	4	0,4
KMA 16/10									M10				
KMA 25/8	25	35	30,0	6,8	12,0	63,0	4,0	24	M8	12	2	4	0,36
KMA 25/10									M10				
KMA 25/12									M12				
KMA 35/8	35	50	42,0	8,0	14,0	75,0	4,0	24	M8	14	3	5	0,47
KMA 35/10									M10				0,46
KMA 35/12									M12				0,42
KMA 50/8	50	70	42,0	9,8	16,0	75,0	5,0	24	M8	16	3	5	0,57
KMA 50/10									M10				
KMA 50/12									M12				
KMA 70/8	70	95	52,0	11,2	18,5	89,0	5,0	24	M8	18	3	6	
KMA 70/10									M10				0,58
KMA 70/12									M12				0,56
KMA 70/16						95,0		30	M16				
KMA 95/8	95	120	56,0	13,2	22,0	93,0	5,0	24	M8	22	3	6	
KMA 95/10									M10				0,9
KMA 95/12									M12				
KMA 95/16						99,0		30	M16				
KMA 120/8	120	150	56,0	14,7	23,0	99,0	6,0	24	M8	22	3	7	
KMA 120/10									M10				1,1
KMA 120/12								30	M12				
KMA 120/16									M16				
KMA 150/8	150	185	60,0	16,3	25,0	103,0	6,0	24	M8	25	3	7	
KMA 150/10									M10				1,2
KMA 150/12								30	M12				
KMA 150/16									M16				
KMA 185/8	185	240	60,0	18,3	28,5	103,0	6,5	30	M8	28	3	7	
KMA 185/10									M10				2
KMA 185/12									M12				
KMA 185/16						109,0		36	M16				2,2
KMA 185/20									M20				

Type	Cross-section, rm/sm [mm²]	Cross-section, re/se [mm²]	a	d	D	E	S	W	Screw hole	Socket code no.	Lz/s	Lz/w	Weight [kg]
KMA 240/10	240	300	70,0	21,0	32,0	113,0	6,5	30	M10	32	3	8	3,7
KMA 240/12									M12				3,5
KMA 240/16						119,0		36	M16				3,4
KMA 240/20									M20				3,2

Lz/s - Number of crimping - wide Lz/w - Number of crimping - narrow

Variant on request

Aluminium-copper connectors, LMAN type

FEATURES & BENEFITS

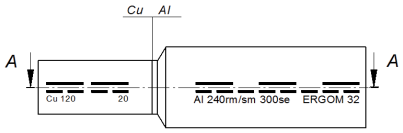
- tight connector Cu-Al, crimped part as per DIN
- description of cable cross-section, terminal size and crimping die number on crimped part surface
- wide range of solutions facilitating connection of cables of various diameters

LOGISTIC DATA

Quantity in package [pcs]	10

MECHANICAL DATA

Material	Al-Cu
Covering	uncoated



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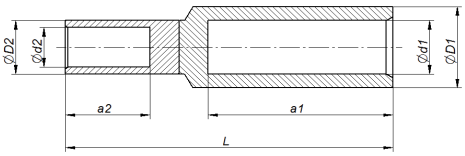


CERTIFICATES & STANDARDS

Design	DIN 46235 – concerns only the tubular part (Cu) DIN 46329 – concerns only the tubular part (Al)

NOTE!

- terminals are filled with special contact grease in Al section, packed in a separate foil bag;
- sector-shaped conductors must be rounded with special dies.

Type	Cross-section, Al rm/sm [mm²]	Cross-section, Al re/se [mm²]	Cross-section, Cu rm/sm [mm²]	L	d_1	D_1	d_2	D_2	a_1	a_2	Socket code no., Al	Lz/s Al	Lz/w Al	Socket code no., Cu	Lz/s Cu	Lz/w Cu	Weight [kg]
LMAN 25/10			10	57			4,5	6,0		14				6	-		0,16
LMAN 25/16	25	35	16	63	6,8	12,0	5,5	8,5	30	20	12	2	4	8	1	2	0,21
LMAN 25/25			25				7,0	10,0						10			0,22
LMAN 35/16			16				5,5	8,5						8			0,3
LMAN 35/25	35	50	25	75	8,0	14,0	7,0	10	42	20	14	3	5	10	1	2	0,32
LMAN 35/35			35				8,2	12,5						12			0,97
LMAN 50/16			16				5,5	8,5						8			0,37
LMAN 50/25	50	70	25	75	9,8	16,0	7,0	10,0	42	20	16	3	5	10	1	2	0,39
LMAN 50/35			35				8,2	12,5						12			0,45
LMAN 50/50			50	83			10,0	14,5		28				14			0,54
LMAN 70/35			35	85			8,2	12,5		20				12	1	2	0,6
LMAN 70/50	70	95	50	93	11,2	18,5	10,0	14,5	52	28	18	3	6	14	2	3	0,7
LMAN 70/70			70				11,5	16,5						16			0,75
LMAN 95/16			16				5,5	8,5						8			0,78
LMAN 95/25			25	89			7,0	10		20				10	1	2	0,8
LMAN 95/35			35				8,2	12,5						12			0,86
LMAN 95/50	95	120	50	97	13,2	22,0	10,0	14,5	56	28	22	3	6	14	2	3	0,96
LMAN 95/70			70				11,5	16,5						16			1,02
LMAN 95/95			95	104			13,5	19,0		35				18		4	1,17
LMAN 95/120			120				15,5	21,0						20			1,26
LMAN 120/35			35	89			8,2	12,5		20				12		2	0,9
LMAN 120/50			50	97			10,0	14,5		28				14	3	3	1,0
LMAN 120/70	120	150	70		14,7	23,0	11,5	16,5	56		22	3	6	16			1,1
LMAN 120/95			95	104			13,5	19,0		35				18		4	1,22
LMAN 120/120			120				15,5	21,0						20			1,26
LMAN 150/35			35	93			8,2	12,5		20				12	1	2	1,11
LMAN 150/50			50	101			10,0	14,5		28				14		3	1,21
LMAN 150/70	150	185	70		16,3	25,0	11,5	16,5	60		25	3	6	16	2		1,26
LMAN 150/95			95	108			13,5	19,0		35				18		4	1,43
LMAN 150/120			120				15,5	21,0						20			1,48
LMAN 150/150			150				17,0	23,5						22			1,63

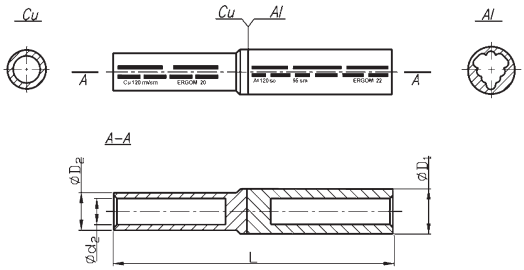
Type	Cross-section, Al rm/sm [mm²]	Cross-section, Al re/se [mm²]	Cross-section, Cu rm/sm [mm²]	L	d_1	D_1	d_2	D_2	a_1	a_2	Socket code no., Al	Lz/s Al	Lz/w Al	Socket code no., Cu	Lz/s Cu	Lz/w Cu	Weight [kg]
LMAN 185/50	185	240	50	105	18,3	28,5	10,0	14,5	60	28	28	3	6	14	2	3	1,58
LMAN 185/70			70				11,5	16,5						16			1,64
LMAN 185/95			95	112			13,5	19,0		35				18		4	1,8
LMAN 185/120			120				15,5	21,0						20			1,85
LMAN 185/150			150				17,0	23,5						22			2,02
LMAN 185/185			185	117			19,0	25,5		40				25		5	2,17
LMAN 240/50	240	300	50	117	21,0	32,0	10,0	14,5	70	28	32	3	8	14	2	3	2,06
LMAN 240/70			70				11,5	16,5						16			2,12
LMAN 240/95			95	124			13,5	19,0		35				18		4	2,28
LMAN 240/120			120				15,5	21,0						20			2,34
LMAN 240/150			150				17,0	23,5						22			2,5
LMAN 240/185			185	129			19,0	25,5		40				25		5	2,65
LMAN 240/240			240		21,0		21,5	29,0						28		-	2,91
LMAN 300/120	300	-	120	124	23,3	34,0	15,5	21,0	70	35	34	3	8	20	2	4	2,78
LMAN 300/150			150				17,0	23,5						22		4	3,11
LMAN 300/185			185	129			19,0	25,5		40				25		5	3,27
LMAN 300/240			240				21,5	29,0						28		-	3,75
LMAN 300/300			300	139			24,5	32,0		50				32		-	4,17
LMAN 400/150	400	-	150	127	26,0	38,0	17,0	23,5	73	35	38	4	-	22	3	4	-
LMAN 400/185			185	132			19,0	25,5		40				25		5	-
LMAN 400/240			240	132			21,5	29,0						28			-
LMAN 400/300			300	142			24,5	32,0		50				32		-	-
LMAN 400/400			400	162			27,5	38,0		70				38			-

Lz/s Al - Number of crimping - wide Al Lz/w Al - Number of crimping - narrow Al Lz/s Cu - Number of crimping - wide Cu Lz/w Cu - Number of crimping - narrow Cu

Aluminium-copper connectors for sector-shaped conductors, LMANS type

FEATURES & BENEFITS

- tight connector Cu-Al, crimped part as per DIN Al crimping part designed for sector-shaped cable conductors with SM Class II profiles - no conductor rounding required
- description of cable cross-section, terminal size and crimping die number on crimped part surface
- wide range of solutions facilitating connection of cables of various diameters



LOGISTIC DATA

Quantity in package [pcs]	10

MECHANICAL DATA

Material	Al-Cu
Covering	uncoated

CRIMPING SHAPE

Number of crimping - wide Al	3

CERTIFICATES & STANDARDS

Design	DIN 46235 – concerns only the tubular part (Cu) DIN 46329 – concerns only the tubular part (Al)

NOTE!

- terminals are filled with special contact grease in Al section, packed in a separate foil bag;
- sector-shaped conductors must be rounded with special dies.

Type	Cross-section, Al sm [mm²]	Cross-section, Al se [mm²]	Cross-section, Cu rm/sm [mm²]	L	D_1	d_2	D_2	Socket code no., Al	Lz/w Al	Socket code no., Cu	Lz/s Cu	Lz/w Cu	Weight [kg]
LMANS 50/16	35	50	16	77	16,0	5,6	8,4	16	5	8	1	2	0,29
LMANS 50/25	35	50	25	77	16,0	7,0	9,9	16	5	10	1	2	0,33
LMANS 50/35	35	50	35	77	16,0	8,2	12,4	16	5	12	1	2	0,4
LMANS 50/50	35	50	50	86	16,0	10,0	14,3	16	5	14	2	3	0,49
LMANS 70/16	50	70	16	87	18,5	5,6	8,4	18	6	8	1	2	0,4
LMANS 70/25	50	70	25	87	18,5	7,0	9,9	18	6	10	1	2	0,42
LMANS 70/35	50	70	35	87	18,5	8,2	12,4	18	6	12	2	2	0,5
LMANS 70/50	50	70	50	96	18,5	10,0	14,3	18	6	14	2	3	0,63
LMANS 70/70	50	70	70	96	18,5	11,5	16,3	18	6	16	2	3	0,7
LMANS 70/95	50	70	95	102	18,5	13,5	18,8	18	6	18	2	4	0,88
LMANS 70/120	50	70	120	102	18,5	13,5	20,8	18	6	20	2	4	0,88
LMANS 95/16	70	95	16	93	22,0	5,6	8,4	22	6	8	1	2	0,57
LMANS 95/25	70	95	25	93	22,0	7,0	9,9	22	6	10	1	2	0,63
LMANS 95/35	70	95	35	93	22,0	8,2	12,4	22	6	12	1	2	0,71
LMANS 95/50	70	95	50	102	22,0	10,0	14,3	22	6	14	2	3	0,82
LMANS 95/70	70	95	70	102	22,0	11,5	16,3	22	6	16	2	3	0,9
LMANS 95/95	70	95	95	108	22,0	13,5	18,8	22	6	18	2	4	1,07
LMANS 95/120	70	95	120	108	22,0	15,5	20,8	22	6	20	2	4	1,14
LMANS 120/16	95	120	16	93	23,0	5,6	8,4	22	6	8	1	2	0,6
LMANS 120/25	95	120	25	93	23,0	7,0	9,9	22	6	10	1	2	0,63
LMANS 120/35	95	120	35	93	23,0	8,2	12,4	22	6	12	1	2	0,71
LMANS 120/50	95	120	50	102	23,0	10,0	14,3	22	6	14	2	3	0,82
LMANS 120/70	95	120	70	102	23,0	11,5	16,3	22	6	16	2	3	0,9
LMANS 120/95	95	120	95	108	23,0	13,5	18,8	22	6	18	2	4	1,08
LMANS 120/120	95	120	120	108	23,0	15,5	20,8	22	6	20	2	4	1,14
LMANS 150/16	120	150	16	97	25,0	5,6	8,4	25	6	8	1	2	0,73

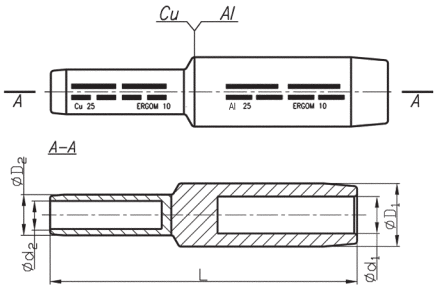
Type	Cross-section, Al sm [mm²]	Cross-section, Al se [mm²]	Cross-section, Cu rm/sm [mm²]	L	D_1	d_2	D_2	Socket code no., Al	Lz/w Al	Socket code no., Cu	Lz/s Cu	Lz/w Cu	Weight [kg]
LMANS 150/25	120	150	25	97	25,0	7,0	9,9	25	6	10	1	2	0,74
LMANS 150/35	120	150	35	97	25,0	8,2	12,4	25	6	12	1	2	0,83
LMANS 150/50	120	150	50	106	25,0	10,0	14,3	25	6	14	2	3	0,94
LMANS 150/70	120	150	70	106	25,0	11,5	16,3	25	6	16	2	3	1,03
LMANS 150/95	120	150	95	112	25,0	13,5	18,8	25	6	18	2	4	1,17
LMANS 150/120	120	150	120	112	25,0	15,5	20,8	25	6	20	2	4	1,26
LMANS 150/150	120	150	150	112	25,0	17,0	23,3	25	6	22	2	4	1,44
LMANS 185/25	150	185	25	100	28,5	7,0	9,9	28	6	10	1	2	1,05
LMANS 185/35	150	185	35	100	28,5	8,2	12,4	28	6	12	1	2	1,17
LMANS 185/50	150	185	50	109	28,5	10,0	14,3	28	6	14	1	3	1,23
LMANS 185/70	150	185	70	109	28,5	11,5	16,3	28	6	16	2	3	1,36
LMANS 185/95	150	185	95	115	28,5	13,5	18,8	28	6	18	2	4	1,51
LMANS 185/120	150	185	120	115	28,5	15,5	20,8	28	6	20	2	4	1,58
LMANS 185/150	150	185	150	115	28,5	17,0	23,3	28	6	22	2	4	1,79
LMANS 185/185	150	185	185	120	28,5	19,0	25,3	28	6	25	2	5	1,96
LMANS 240/50	185	240	50	121	32,0	10,0	14,3	32	8	14	2	3	1,64
LMANS 240/70	185	240	70	121	32,0	11,5	16,3	32	8	16	2	3	1,71
LMANS 240/95	185	240	95	127	32,0	13,5	18,8	32	8	18	2	3	2,01
LMANS 240/120	185	240	120	127	32,0	15,5	20,8	32	8	20	2	4	2,1
LMANS 240/150	185	240	150	127	32,0	17,0	23,3	32	8	22	2	4	2,3
LMANS 240/185	185	240	185	132	32,0	19,0	25,3	32	8	25	2	5	2,45
LMANS 240/240	185	240	240	132	32,0	21,5	28,7	32	8	28	2	-	2,8

Lz/w Al - Number of crimping - narrow Al Lz/s Cu - Number of crimping - wide Cu Lz/w Cu - Number of crimping - narrow Cu

Aluminium-copper connectors, LMANW type

FEATURES & BENEFITS

- tight connector Cu-Al
- description of cable cross-section, terminal size and crimping die number on crimped part surface
- for operation with MV equipment; connector shape ensures more even electromagnetic field distribution
- wide range of solutions facilitating connection of cables of various diameters



LOGISTIC DATA

Quantity in package [pcs]	10

MECHANICAL DATA

Material	Al-Cu
Covering	uncoated

ELECTRICAL DATA

Voltage [kV]	≥ 1

NOTE!

- terminals are filled with special contact grease in Al section, packed in a separate foil bag;
- sector-shaped conductors must be rounded with special dies.

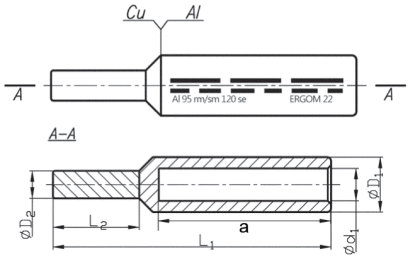
Type	Cross-section, Al rm/sm [mm²]	Cross-section, Al re/se [mm²]	Cross-section, Cu rm/sm [mm²]	L	d_1	D_1	d_2	D_2	Socket code no., Al	Lz/s Al	Lz/w Al	Socket code no., Cu	Lz/s Cu	Lz/w Cu	Weight [kg]
LMANW 70/35	70	95	35	86	11,2	18,5	8,2	12,5	18	2	4	12	1	2	0,6
LMANW 70/50			50	94			10,0	14,5				14		3	0,62
LMANW 70/70			70				11,5	16,5				16		4	0,66
LMANW 95/35	95	120	35	91	13,2	22,0	8,2	12,5	22	2	4	12	1	2	0,95
LMANW 95/50			50	98			10,0	14,5				14		3	
LMANW 95/70			70				11,5	16,5				16			1,16
LMANW 95/95			95	112			13,5	19,0				18	2	4	1,23
LMANW 120/35	120	150	35	95	14,7	23,0	8,2	12,5	22	2	4	12	1	2	0,92
LMANW 120/50			50	101			10,0	14,5				14		3	
LMANW 120/70			70				11,5	16,5				16			1,05
LMANW 120/95			95	114			13,5	19,0				18	2	4	1,25
LMANW 120/120			120				15,5	21,0				20			
LMANW 150/70	150	185	70	103	16,3	25,0	11,5	16,5	25	2	4	16	1	3	1,05
LMANW 150/95			95	116			13,5	19,0				18	2	4	1,4
LMANW 150/120			120				15,5	21,0				20			1,55
LMANW 150/150			150	125			17,0	23,5				22			1,65
LMANW 185/70	185	240	70	117	18,3	28,5	11,5	16,5	28	2	5	16	1	3	1,7
LMANW 185/95			95	128			13,5	19,0				18	2	4	1,73
LMANW 185/120			120				15,5	21,0				20			1,75
LMANW 185/150			150	137			17,0	23,5				22			2,15
LMANW 185/185			185	139			19,0	25,5				25			2,05
LMANW 240/120	240	300	120	138	21,0	32,0	15,5	21,0	32	2	5	20	2	4	2,5
LMANW 240/150			150	143			17,0	23,5				22			2,65
LMANW 240/185			185				19,0	25,5				25			2,7
LMANW 240/240			240				21,5	29,0				28			3,15
LMANW 300/150	300	-	150	138	23,3	34,0	1 7,0	23,5	34	3	–	22	2	–	3,6
LMANW 300/185			185	143			19,0	25,5				25			3,7
LMANW 300/240			240				21,5	29,0				28			4,4
LMANW 300/300			300	145			24,5	32,0				32			4,8

Lz/s Al - Number of crimping - wide Al Lz/w Al - Number of crimping - narrow Al Lz/s Cu - Number of crimping - wide Cu Lz/w Cu - Number of crimping - narrow Cu

Aluminium-copper pins, BMAN type

FEATURES & BENEFITS

- Cu pin with connection element for Al cables, as per DIN, without galvanic plating
- description of cable cross-section, crimping die number on crimped part surface
- facilitates disconnection after loosening screws in terminal



LOGISTIC DATA

Quantity in package [pcs]	10

MECHANICAL DATA

Material	Al-Cu
Covering	uncoated

CERTIFICATES & STANDARDS

Design	DIN 46329 – concerns only the tubular part (Al)

NOTE!

- terminals filled with special contact grease, packed in a separate foil bag;
- Sector-shaped conductors must be rounded with special dies.

Type	Cross-section, rm/sm [mm²]	Cross-section, re/se [mm²]	a	L_1	L_2	d_1	D_1	D_2	Socket code no.	Lz/s	Lz/w	Weight [kg]
BMAN 25	25	35	31	65	23	6,8	12,0	6	12	2	4	0,16
BMAN 35	35	50	43	77	23	8,0	14,0	7	14	3	5	0,25
BMAN 50	50	70		86	32	9,8	16,0	8	16			0,33
BMAN 70	70	95	53	96	32	11,2	18,5	10	18	3	6	0,54
BMAN 95	95	120	57	108	38	13,2	22,0	12	22	3	6	0,87
BMAN 120	120	150				14,7	23,0					0,9
BMAN 150	150	185	61	112	38	16,3	25,0	12	25	3	7	1,09
BMAN 185	185	240		120	44	18,3	28,5	14	28			1,57
BMAN 240	240	300	71	132	44	21,0	32,0	16	32	3	7	2,18
BMAN 300	300	-		142	46	23,3	34,0	18	38			2,67

Lz/s - Number of crimping - wide Lz/w - Number of crimping - narrow

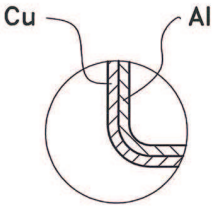
Copper-aluminium sleeve terminals, HMA

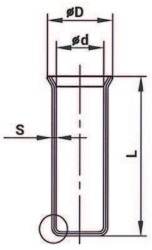
FEATURES & BENEFITS

- thin-walled terminal, Cu-Al
- enable connecting Al flexible cables to Cu or brass terminals, e.g. in 3-phase extension cables or electrical car supply wires
- other designs on client's request
- patent-protected design

LOGISTIC DATA

Quantity in package [pcs]	100





MECHANICAL DATA

Material	External layer – copper Internal layer – aluminium
Covering	uncoated

DIMENSIONS

s	0,25

CERTIFICATES & STANDARDS

Design	terminals have a bottom that prevents the wire core from touching the equipment terminal

Type	AWG cross-section	Cross-section, rm/sm [mm²]	L	d	D	Weight [kg]
HMA 6/10	10	6	10,5	3,5	4,7	0,17
HMA 6/12			12,5			0,19
HMA 6/14			14,5			0,21
HMA 10/10	8	10	10,5	4,5	5,8	0,19
HMA 10/12			12,5			0,21
HMA 10/14			14,5			0,24
HMA 10/18			18,5			0,29
HMA 16/10	6	16	10,5	6,0	7,5	0,19
HMA 16/12			12,5			0,22
HMA 16/14			14,5			0,25
HMA 16/18			18,5			0,3

Aluminium-copper washers, PMA type

FEATURES & BENEFITS

- Cu-Al washer
- facilitates connection of aluminium cable to copper busbar or vice versa

LOGISTIC DATA

Quantity in package [pcs]	100

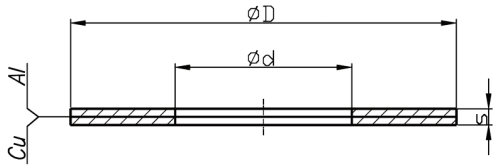
Al-Cu washers are made of a bimetal sheet (Al-Cu).

MECHANICAL DATA

Material	Al-Cu
Covering	uncoated

DIMENSIONS

s	1



Type	d	D	Screw	Weight [kg]
PMA 3	3,5	6,5	M3	0,03
PMA 4	4,5	8,5	M4	0,03
PMA 5	5,5	11,0	M5	0,05
PMA 6	6,5	13,0	M6	0,06
PMA 8	8,5	17,0	M8	0,1
PMA 10	11,0	22,0	M10	0,14
PMA 12	13,0	28,0	M12	0,27
PMA 16	17,0	35,0	M16	0,41
PMA 20	21,0	40,0	M20	0,51