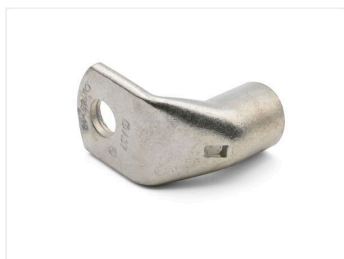



A-L

RING TERMINAL, 90° BEND, FOR COPPER CONDUCTORS



CERTIFICATIONS & APPROVALS

 UL (cULus)

Features

TECHNICAL INFORMATION

Minimum operating temperature	-50°C
Maximum operating temperature	150°C
Spy hole	Yes
Bend angle of the connection	90°
Number of holes on the palm	1
Easy insertion input	Yes
Surface treatment	tin plating
Crimping geometry	hexagonal; indent

MATERIAL COMPOSITION AND TREATMENTS

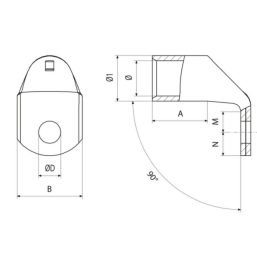
Conductor body material	Rame elettrolitico con purezza superiore al 99,95%
Annealing	Yes

CLASSIFICATION AND DATA ORDERING

Customs code	85369010
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CERTIFICATIONS

ROHS compliant	Yes
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A1-L

Range of cable cross section (flexible) [mm²]
4Range of cable cross section (low stranded) [mm²]
4

tipo	Screw diameter	ØD [mm]	B [mm]	N [mm]	M [mm]	Tightening torque (high conductivity screw) [nm]	Tightening torque (8.8 grade screw) [nm]	A [mm]	Ø [mm]	Cable stripping length [mm]	Ø1 [mm]	Unit in minimal packaging [pce]	Unit in standard packaging [pce]
A1-L6	M6	6.4	11	6	7	5	7	8	3.6	9	5.25	100	2000

A2-L

Range of cable cross section (flexible) [mm²]
10Range of cable cross section (low stranded) [mm²]
10

tipo	Screw diameter	ØD [mm]	B [mm]	N [mm]	M [mm]	Tightening torque (high conductivity screw) [nm]	Tightening torque (8.8 grade screw) [nm]	A [mm]	Ø [mm]	Cable stripping length [mm]	Ø1 [mm]	Unit in minimal packaging [pce]	Unit in standard packaging [pce]	Reference standard	UL standard
A2-L4	M4	4.3	10	4	5			8	4.6	9	6.8	100	1500	UL 486A-486B	UL486A-486B
A2-L5	M5	5.3	10	6	6.5			8	4.6	9	6.8	100	1000	UL 486A-486B	UL486A-486B
A2-L6	M6	6.4	11	6	7	5	7	8	4.6	9	6.8	100	1000	UL 486A-486B	UL486A-486B
A2-L8	M8	8.4	15	8	9	10	20	8	4.6	9	6.8	100	500	UL 486A-486B	UL486A-486B
A2-L10	M10	10.5	18	10	11	20	35	8	4.6	9	6.8	100	500	UL 486A-486B	UL486A-486B
A2-L12	M12	13.2	19	12	14	40	50	8	4.6	9	6.8	100	500	UL 486A-486B	UL486A-486B

A3-L

Range of cable cross section (flexible) [mm²]
16Range of cable cross section (low stranded) [mm²]
16

tipo	Screw diameter	ØD [mm]	B [mm]	N [mm]	M [mm]	Tightening torque (high conductivity screw) [nm]	Tightening torque (8.8 grade screw) [nm]	A [mm]	Ø [mm]	Cable stripping length [mm]	Ø1 [mm]	Unit in minimal packaging [pce]	Unit in standard packaging [pce]	Reference standard	UL standard
A3-L5	M5	5.3	11.5	6	6.5			11.5	5.8	13	7.9	100	1000	UL 486A-486B	UL486A-486B
A3-L6	M6	6.4	11.5	6	7	5	7	11.5	5.8	13	7.9	100	1000	UL 486A-486B	UL486A-486B
A3-L8	M8	8.4	15	8	9	10	20	11.5	5.8	13	7.9	100	500	UL 486A-486B	UL486A-486B
A3-L10	M10	10.5	18	10	11	20	35	11.5	5.8	13	7.9	100	500	UL 486A-486B	UL486A-486B
A3-L12	M12	13.2	20	12	14	40	50	11.5	5.8	13	7.9	100	500	UL 486A-486B	UL486A-486B

A5-L

Range of cable cross section (flexible) [mm²]
25Range of cable cross section (low stranded) [mm²]
25

tipo	Screw diameter	ØD [mm]	B [mm]	N [mm]	M [mm]	Tightening torque (high conductivity screw) [nm]	Tightening torque (8.8 grade screw) [nm]	A [mm]	Ø [mm]	Cable stripping length [mm]	Ø1 [mm]	Unit in minimal packaging [pce]	Unit in standard packaging [pce]	Reference standard	UL standard
A5-L4	M4	4.3	14	4	5			10.5	7	12	9.3	100	100	UL 486A-486B	UL486A-486B
A5-L5	M5	5.3	14	6	6.5			10.5	7	12	9.3	100	500	UL 486A-486B	UL486A-486B

tipo	Screw diameter	ØD [mm]	B [mm]	N [mm]	M [mm]	Tightening torque (high conductivity screw) [nm]	Tightening torque (8.8 grade screw) [nm]	A [mm]	Ø [mm]	Cable stripping length [mm]	Ø1 [mm]	Unit in minimal packaging [pce]	Unit in standard packaging [pce]	Reference standard	UL standard
A5-L6	M6	6.4	14	6	7	5	7	10.5	7	12	9.3	100	500	UL 486A-486B	UL486A-486B
A5-L8	M8	8.4	15	8	9	10	20	10.5	7	12	9.3	100	500	UL 486A-486B	UL486A-486B
A5-L10	M10	10.5	18	10	11	20	35	10.5	7	12	9.3	100	500	UL 486A-486B	UL486A-486B
A5-L12	M12	13.2	21	12	14	40	50	10.5	7	12	9.3	100	500	UL 486A-486B	UL486A-486B

A7-L

Range of cable cross section (flexible) [mm²]
25

Range of cable cross section (low stranded) [mm²]
35

tipo	Screw diameter	ØD [mm]	B [mm]	N [mm]	M [mm]	Tightening torque (high conductivity screw) [nm]	Tightening torque (8.8 grade screw) [nm]	A [mm]	Ø [mm]	Cable stripping length [mm]	Ø1 [mm]	Unit in minimal packaging [pce]	Unit in standard packaging [pce]	Reference standard	UL standard
A7-L6	M6	6.4	17	6	7	5	7	13.2	8.9	15	11.7	100	300	UL 486A-486B	UL486A-486B
A7-L8	M8	8.4	17	8	9	10	20	13.2	8.9	15	11.7	100	300	UL 486A-486B	UL486A-486B
A7-L10	M10	10.5	19	10	11	20	35	13.2	8.9	15	11.7	100	300	UL 486A-486B	UL486A-486B
A7-L12	M12	13.2	21	12	14	40	50	13.2	8.9	15	11.7	100	300	UL 486A-486B	UL486A-486B

A10-L

Range of cable cross section (flexible) [mm²]
35

Range of cable cross section (low stranded) [mm²]
50

tipo	Screw diameter	ØD [mm]	B [mm]	N [mm]	M [mm]	Tightening torque (high conductivity screw) [nm]	Tightening torque (8.8 grade screw) [nm]	A [mm]	Ø [mm]	Cable stripping length [mm]	Ø1 [mm]	Unit in minimal packaging [pce]	Unit in standard packaging [pce]	Reference standard	UL standard
A10-L6	M6	6.4	19	7	8	5	7	16.5	10	19	13	100	300	UL 486A-486B	UL486A-486B
A10-L8	M8	8.4	19	8	9	10	20	16.5	10	19	13	100	200	UL 486A-486B	UL486A-486B
A10-L10	M10	10.5	20	9.5	11.5	20	35	16.5	10	19	13	50	200	UL 486A-486B	UL486A-486B
A10-L12	M12	13.2	21	12	12	40	50	16.5	10	19	13	50	200	UL 486A-486B	UL486A-486B
A10-L16	M16	17	26	16	18	90	90	16.5	10	19	13	50	200	UL 486A-486B	UL486A-486B

A14-L

Range of cable cross section (flexible) [mm²]
50

Range of cable cross section (low stranded) [mm²]
70

tipo	Screw diameter	ØD [mm]	B [mm]	N [mm]	M [mm]	Tightening torque (high conductivity screw) [nm]	Tightening torque (8.8 grade screw) [nm]	A [mm]	Ø [mm]	Cable stripping length [mm]	Ø1 [mm]	Unit in minimal packaging [pce]	Unit in standard packaging [pce]	Reference standard	UL standard
A14-L8	M8	8.4	21	8	9	10	20	18	11.3	20	14.6	50	200	UL 486A-486B	UL486A-486B
A14-L10	M10	10.5	21	10	11	20	35	18	11.3	20	14.6	50	100	UL 486A-486B	UL486A-486B

tipo	Screw diameter	ØD [mm]	B [mm]	N [mm]	M [mm]	Tightening torque (high conductivity screw) [nm]	Tightening torque (8.8 grade screw) [nm]	A [mm]	Ø [mm]	Cable stripping length [mm]	Ø1 [mm]	Unit in minimal packaging [pce]	Unit in standard packaging [pce]	Reference standard	UL standard
A14-L12	M12	13.2	22	12	14	40	50	18	11.3	20	14.6	50	100	UL 486A-486B	UL486A-486B
A14-L16	M16	17	26	16	18	90	90	18	11.3	20	14.6	50	100	UL 486A-486B	UL486A-486B

A19-L

Range of cable cross section (flexible) [mm²]
70

Range of cable cross section (low stranded) [mm²]
95

tipo	Screw diameter	ØD [mm]	B [mm]	N [mm]	M [mm]	Tightening torque (high conductivity screw) [nm]	Tightening torque (8.8 grade screw) [nm]	A [mm]	Ø [mm]	Cable stripping length [mm]	Ø1 [mm]	Unit in minimal packaging [pce]	Unit in standard packaging [pce]	Reference standard	UL standard
A19-L8	M8	8.4	25	8	9	10	20	22.5	13.5	25	17.5	25	100	UL 486A-486B	UL486A-486B
A19-L10	M10	10.5	25	10	11	20	35	22.5	13.5	25	17.5	25	100	UL 486A-486B	UL486A-486B
A19-L12	M12	13.2	25	12	14	40	50	22.5	13.5	25	17.5	25	100	UL 486A-486B	UL486A-486B

A24-L

Range of cable cross section (flexible) [mm²]
95

Range of cable cross section (low stranded) [mm²]
120

tipo	Screw diameter	ØD [mm]	B [mm]	N [mm]	M [mm]	Tightening torque (high conductivity screw) [nm]	Tightening torque (8.8 grade screw) [nm]	A [mm]	Ø [mm]	Cable stripping length [mm]	Ø1 [mm]	Unit in minimal packaging [pce]	Unit in standard packaging [pce]	Reference standard	UL standard
A24-L10	M10	10.5	28.5	10	11	20	35	24	15.2	27	19.6	25	50	UL 486A-486B	UL486A-486B
A24-L12	M12	13.2	28.5	12	14	40	50	24	15.2	27	19.6	25	50	UL 486A-486B	UL486A-486B

A30-L

Range of cable cross section (flexible) [mm²]
120

Range of cable cross section (low stranded) [mm²]
150

tipo	Screw diameter	ØD [mm]	B [mm]	N [mm]	M [mm]	Tightening torque (high conductivity screw) [nm]	Tightening torque (8.8 grade screw) [nm]	A [mm]	Ø [mm]	Cable stripping length [mm]	Ø1 [mm]	Unit in minimal packaging [pce]	Unit in standard packaging [pce]	Reference standard	UL standard
A30-L10	M10	10.5	31.5	11	13	20	35	26.5	16.7	30	21.5	25	50	UL 486A-486B	UL486A-486B
A30-L12	M12	13.2	31.5	14	16	40	50	26.5	16.7	30	21.5	25	50	UL 486A-486B	UL486A-486B

A37-L

Range of cable cross section (flexible) [mm²]
150

Range of cable cross section (low stranded) [mm²]
185

tipo	Screw diameter	ØD [mm]	B [mm]	N [mm]	M [mm]	Tightening torque (high conductivity screw) [nm]	Tightening torque (8.8 grade screw) [nm]	A [mm]	Ø [mm]	Cable stripping length [mm]	Ø1 [mm]	Unit in minimal packaging [pce]	Unit in standard packaging [pce]	Reference standard	UL standard
A37-L10	M10	10.5	35.5	11	13	20	35	29	19.2	32	24.4	15	30	UL 486A-486B	UL486A-486B
A37-L12	M12	13.2	35.5	14	16	40	50	29	19.2	32	24.4	15	30	UL 486A-486B	UL486A-486B

A48-L

Range of cable cross section (flexible) [mm²]
185

Range of cable cross section (low stranded) [mm²]
240

tipo	Screw diameter	ØD [mm]	B [mm]	N [mm]	M [mm]	Tightening torque (high conductivity screw) [nm]	Tightening torque (8.8 grade screw) [nm]	A [mm]	Ø [mm]	Cable stripping length [mm]	Ø1 [mm]	Unit in minimal packaging [pce]	Unit in standard packaging [pce]	Reference standard	UL standard
A48-L10	M10	10.5	39	11	13	20	35	33	21.1	37	27.2	15	30	UL 486A-486B	
A48-L12	M12	13.2	39	14	16	40	50	33	21.1	37	27.2	10	20	UL 486A-486B	UL486A-486B

A60-L

Range of cable cross section (flexible) [mm²]
240

Range of cable cross section (low stranded) [mm²]
300

tipo	Screw diameter	ØD [mm]	B [mm]	N [mm]	M [mm]	Tightening torque (high conductivity screw) [nm]	Tightening torque (8.8 grade screw) [nm]	A [mm]	Ø [mm]	Cable stripping length [mm]	Ø1 [mm]	Unit in minimal packaging [pce]	Unit in standard packaging [pce]	Reference standard	UL standard
A60-L12	M12	13.2	44	14	20	40	50	40	23.7	44	30.6	10	20	UL 486A-486B	UL486A-486B



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