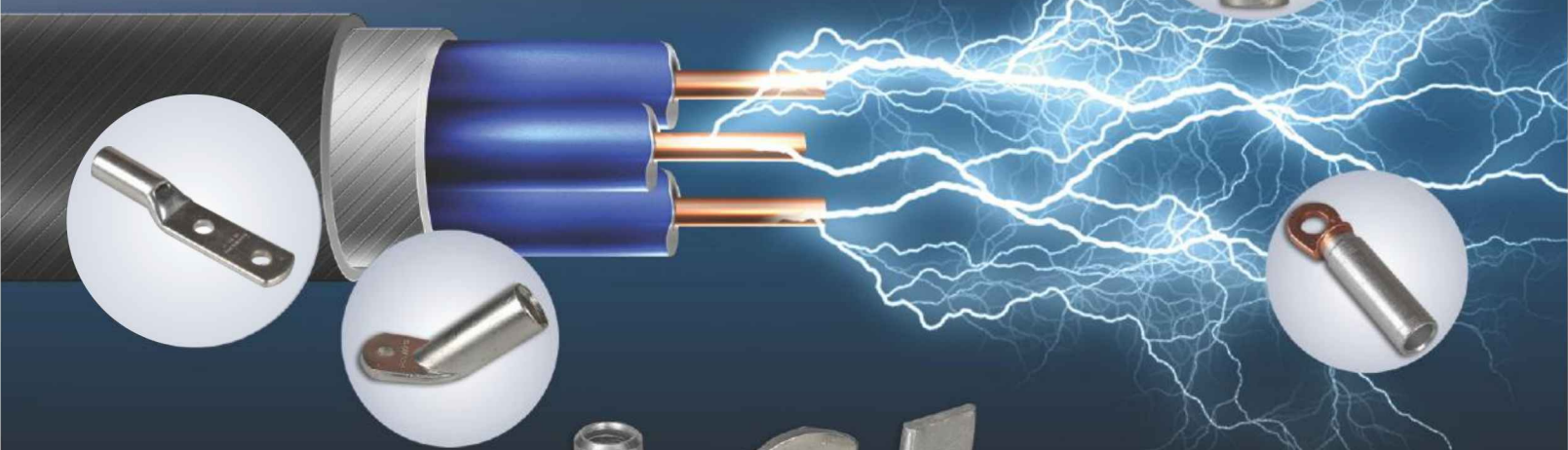


CABLE LUGS & WIRE CONNECTORS



INTRODUCTION TO CABLE LUGS AND CONNECTORS

Cable lugs are used for connecting the cables/wires to electrical appliances, other cables, surfaces, or mechanisms. These Lugs are usually used when permanent, direct-fastening methods are not feasible or not required.

Raychem RPG manufactures cable lugs and connectors, which provides termination for a variety of power and grounding applications with innovation and reliability. These lugs and connectors are made of high strength, high conductivity electrolytic copper and aluminium alloy materials to provide optimum connectivity for power and grounding applications.

Features of Cable lugs and connectors

- Our lugs and connectors are safe and economical both in design and use
- All copper lugs and connectors are electro-tinned to inhibit corrosion and oxidation
- Entry to terminal is shock proof and flared end is provided in selective lugs for easier conductor entry in flexible cables
- The terminals of our lugs and connectors are designed for easy insertion of standard wires and for flexible wire insertions the barrel end is made bell mouthed (flared)
- Our lugs and connectors are annealed to guarantee optimum ductility

Our lugs and connectors are manufactured from Cathodes sourced from LME approved warehouse. Our Aluminium lugs are manufactured from ISO certified tube manufactures. We have inhouse facility to check conductivity of aluminium and copper. Copper Specifications 97% IACS, BS EN 1976: 1998, BSEN 1978:1998. Copper finish: Electrotinned to BS 1827: 1984.

Our Offerings

- Our cable lugs and connectors meet the highest quality requirements and satisfy the required international standards.
- We have an extensive range for low and medium-voltage applications
- We offer distinct phase for easy conductor entry and burr-free edges
- Our products provide with consistent precision, high safety and rating properties, thanks to high quality electrolytic copper that we use.

WHY RAYCHEM RPG

Quality



At Raychem RPG, quality is a long history of success and recognition. Today the company is one of the Indian businesses to have adjusted and certified its progress according to strict regulatory standards:

- Quality (ISO 9001 : 2008)
- Environment (ISO 14000)
- Safety (OHSAS 18001)

Production Control



In order to guarantee our products high quality standards, the production process must be monitored with constant and careful precision. The control phases accompany all the stages of production and often use advanced technology for measurement and detection. We use the cutting edge CNC machine for all our manufacturing operations related to Cable lugs to maintain the world class standard of Raychem RPG.

Care for Environment



Raychem RPG believes that industrial development can truly respect, and therefore be compatible with the environment. For Raychem RPG, protecting the environment and the people and things around you is an important responsibility that requires constant and immediate consideration. It is a conscious decision which involves believing in the future.

Competitive Enterprise



One of Raychem RPG's aims is knowing how to offer its users best possible solution in consideration of the quality-price ratio. The fact that thousands of clients all over the world are faithful to Raychem RPG products demonstrates the technical and economic validity of the solution offered.

Global Capability



The company's sales network is one of its strengths. It enables Raychem RPG to be present on all the main global markets consequently being as closely as possible to the end customer. The company has its presence in South Africa, Qatar, Russia, Kazakhstan and the UK. This direct access to each market allows the Raychem RPG staff to remain inside the market with the advantage of being closer to the client.

OUR STANDARDS

Specialized Solution For Every Application

- Compliance with international standards, including IEC and UL.
- Solutions for cables with compacted round conductors, cables with sector-shaped conductors and to suit individual requirements.
- Plus all corresponding manual and hydraulic crimping tools.

Benefits:

- The right products for every installation scenario.
- Highest flexibility for connecting cables.
- Standards-compliance permits international application.
- A single source for everything – from cable lugs to tools.
- Guarantees the correct tools for professional electrical installations.



High Tech CNC M/c Processing

- Raychem RPG tubular cable lugs are made from quality E-Cu tubes. All suppliers are certified.
- Defined, unique material properties by annealing cable lugs.



Benefits:

- Optimised conductivity, enhanced safety and high cable lug rating thanks to high quality material.
- The annealing of cable lugs during production sets Raychem RPG products apart and guarantees outstanding processing properties such as a defined hardness and tooling operations with reduced effort and less wear of tools.

Heavy Duty Applications & Performance

- Consistent material thickness, precise diameters and accurate fit mean optimised processing and ultimate reliability.
- Tested to DIN EN 61373 Class 1B "Railway applications".

Benefits:

- With professional installation of the correct types, optimised stability even with mechanically stressed or strong vibrating connections.
- Less repair and maintenance.
- Safe connections even under high load, e.g. in public transport services.



PRODUCT APPROVAL

IEC 61238 APPROVAL

Raychem RPG Terminal Lug and Copper Lugs are tested according to "Class A" of IEC61238-1 for rated voltages upto 30kV (Um=36kV)



Scope and object of IEC61238-1

Compression and mechanical connectors for power cables for rated voltages up to 30kV(Um=36kV),e.g. buried cables or cables installed in buildings, having conductors complying with IEC60228 and IEC60228A with cross-sectional areas 10mm² and greater for copper and a maximum continuous conductor temperature not exceeding 90°C.

Class A

These are connectors intended for electricity distribution or industrial networks in which they can be subjected to short-circuits of relatively high intensity and duration. As a consequence, Class A connectors are suitable for the majority of applications.

Depending on the application, the connectors are subjected to the following tests :

Heat Cycle Test - The object of the heat cycle is to determine the reference conductor temperature to be used for subsequent cycles and also to identify the median connector.

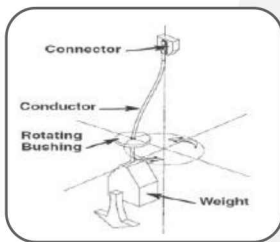
Total 1000 cycles required.

Short-circuit test. Six short-circuits are applied after the 200th heat cycle. The short-circuit current level shall be such that it raises the bare reference conductors from a temperature of $\leq 35^{\circ}\text{C}$ to a temperature between 250°C and 270°C . The maximum temperature, time and approximate current, or the actual current and time, used for the short-circuit test, shall be recorded and stated in the test report.

Mechanical Test: The conductor lengths, between connector and tensile test machine jaws, shall be $\geq 500\text{mm}$. The rate of application of the load shall not exceed 10N per square millimetre of cross-sectional area and per second up to the value in copper :maximun 20000N, which is then maintained for 1 min.

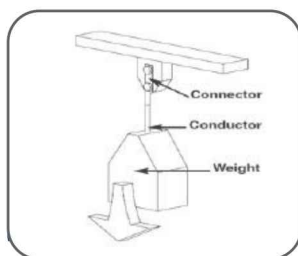
UL 486A & 486B Approval

Raychem RPG Terminal Lug and connectors comply with UL Standard requirements and they have been carried out the tests according to UL486A and UL486B.



Test 1 - Wire Secureness Test -

The object of this test is to get long term dependability in Raychem RPG copper lugs and connectors with moving equipment.

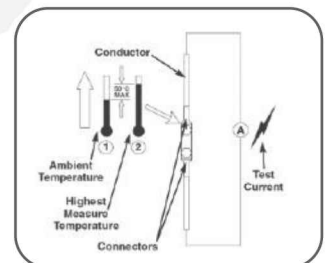


Test 3 - Wire Pullout Test

The object of this test is to Secure connection under static tensile Loads. Wire Pullout Test Sequence

Test 2 - Static Heating Test

The object of this test is to get long Safe Connection at Rated Current`
Static Heating Test Sequence



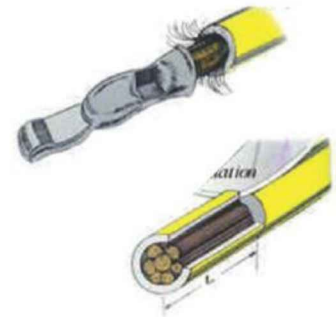
CRIMPING METHODOLOGY

The following are a series of procedures that Raychem RPG suggests maintaining and extending the performance life of connectors.

COPPER LUG CRIMPING

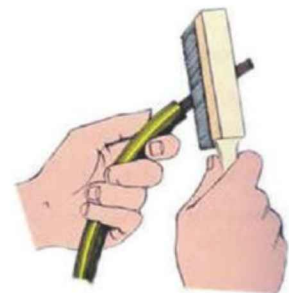
1. STRIPPING CABLE INSULATION

Problems with cable harness and connector systems often begin with improper or accidental cutting of wire strands while stripping cable insulation. Each strand is important, and all of them must be included in the contact barrel to avoid unnecessary hot spots during operation. When removing insulation, position a sharp blade at a right angle and apply steady, controlled pressure, cutting only the cable insulation, not the copper wire. Strip cable to the proper length for the contact being crimped. Proper lengths are listed in the instruction sheet.



2. CLEANING COPPER WIRE

Aged and badly tarnished copper should be thoroughly scraped with a brush which penetrates the entire bundle cleaning every strand. The wires will then be ready for insertion into the contact barrel when they are brushed to their original bright copper finish. Contact barrels are lined with silver or tin plating to assure consistent conductivity, which will be reduced if the barrel is crimped around aged or tarnished wire.



3. CRIMPING

The best preparation will be defeated if inadequate tools or improper crimping procedures are performed. Never use a hammer and chisel or the "squeeze in a vise" method. They won't do the job and will result in substantial reduction in connector life.

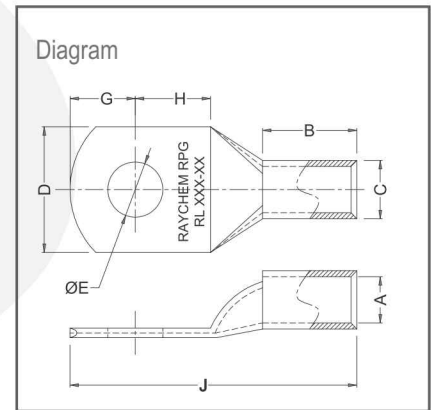
Use a crimp tool. Make sure the stripped cable is inserted all the way into the barrel of the contact and that the contact point is centered in the crimp tool. A crimp tool will effectively compress the contact barrel tightly around the cable strands, allowing them to be pressed tightly against each other and against the inside wall of the contact barrel.



When the crimp has been completed, check the appearance of the contact. A properly crimped contact barrel is compacted tightly with the outer strands. The outer strands on an improperly crimped barrel will be loose and will not have adequate clamping force. Test for low pull out force. If the cable can be loosened, recrimp until it is tight.

STANDARD RANGE CABLE LUGS

Cable mm ²	Stud Size	Dimensions in mm								Product code
		Stud Hole Size	Barrel ID	Barrel OD	Palm Width	Stud Center Distance	Stud Center	Barrel Length	Total Length	
		E	A	C	D	G	H	B	J	
1.5	M4	4.2	1.8	3.7	8	4	5	6	17	RL - 1.5 - 4
1.5	M5	5.2	1.8	3.7	8	4	5	6	17	RL - 1.5 - 5
1.5	M6	6.5	1.8	3.7	10	4	6	6	18	RL - 1.5 - 6
2.5	M4	4.2	2.4	4	8	4	5	8	19	RL - 2.5 - 4
2.5	M5	5.2	2.4	4	8	4	5	8	19	RL - 2.5 - 5
2.5	M6	6.5	2.4	4	10	5	6	8	21	RL - 2.5 - 6
2.5	M8	8.4	2.4	4	12	6	9	8	26	RL - 2.5 - 8
4	M4	4.2	3.1	4.8	10	5	6	8	21	RL - 4 - 4
4	M5	5.2	3.1	4.8	10	5	6	8	21	RL - 4 - 5
4	M6	6.5	3.1	4.8	10	5	6	8	21	RL - 4 - 6
4	M8	8.4	3.1	4.8	12	6	9	8	24	RL - 4 - 8
6	M5	5.2	3.8	5.5	10	5	6	10	23	RL - 6 - 5
6	M6	6.5	3.8	5.5	10	5	6	10	24	RL - 6 - 6
6	M8	8.4	3.8	5.5	12	6	9	10	27	RL - 6 - 8
6	M10	10.5	3.8	5.5	15	8	11	10	32	RL - 6 - 10
10	M6	6.5	4.5	6.2	11	6	7	10	26.5	RL - 10 - 6
10	M8	8.4	4.5	6.2	12	6	9	10	27.5	RL - 10 - 8
10	M10	10.5	4.5	6.8	15	8	11	11	32	RL - 10 - 10
16	M5	5.2	5.4	7.1	12	7	7	12	30	RL - 16 - 6
16	M6	6.5	5.4	7.1	12	7	7	12	30	RL - 16 - 6
16	M8	8.4	5.4	7.1	12	7	7	12	30	RL - 16 - 8
16	M10	10.5	5.4	7.6	15	8	12	12	36	RL - 16 - 10
16	M12	13	5.4	7.6	17	11	13	12	39	RL - 16 - 12
25	M6	6.5	6.8	8.8	13	7	7	12	30	RL - 25 - 6
25	M8	8.4	6.8	8.8	13	7	7	12	30	RL - 25 - 8
25	M10	10.5	6.8	8.8	15	10	11	13	36.5	RL - 25 - 10
25	M12	13	6.8	8.8	17	10	12	15	40	RL - 25 - 12
35	M6	6.5	8.2	10.6	16	9	9	13.5	36	RL - 35 - 6
35	M8	8.4	8.2	10.6	16	9	9	13.5	36	RL - 35 - 8
35	M10	10.5	8.2	10.6	16	9	9	13.5	37	RL - 35 - 10
35	M12	13	8.2	10.6	18	10	12	13.5	41	RL - 35 - 12
35	M16	17	8.2	10.6	22	14	18	13.5	50	RL - 35 - 16
50	M8	8.4	9.5	12.4	18	9	10	17	42	RL - 50 - 8
50	M10	10.5	9.5	12.4	18	9	10	17	42	RL - 50 - 10
50	M12	13	9.5	12.4	20	10	12	17	45	RL - 50 - 12
50	M16	17	9.5	12.4	22	15	15	18	52	RL - 50 - 16
70	M8	8.4	11.3	14.6	21	11	11	18.5	47	RL - 70 - 8
70	M10	10.5	11.3	14.6	21	11	11	18.5	47	RL - 70 - 10
70	M12	13	11.3	14.6	21	11	11	18.5	47	RL - 70 - 12
70	M14	14.5	11.3	14.6	22	14	15	18.5	55	RL - 70 - 14
70	M16	17	11.3	14.6	26	14	16	18.5	56	RL - 70 - 16



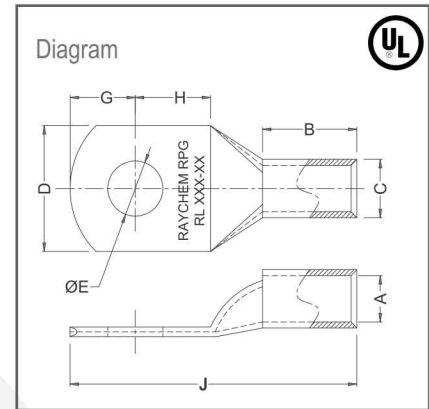
FEATURES

- With inspection hole to ensure full cable insertion
- Tin plated copper lugs to improve electrical conductivity and avoid oxidation of copper
- Annealed material optimizes material and crimping properties
- Flat contact surface and precise stud holes as per the Metric standard
- Chamfered mouth for easy cable insertion
- Can be available with /without inspection window

Continued.....

STANDARD RANGE CABLE LUGS Continued.....

Cable mm ²	Stud Size	Dimensions in mm								Product code
		Stud Hole Size	Barrel ID	Barrel OD	Palm Width	Stud Center Distance	Stud Center	Barrel Length	Total Length	
		E	A	C	D	G	H	B	J	
95	M8	8.4	13.5	17.4	25	12	13	21	53	RL - 95 - 8
95	M10	10.5	13.5	17.4	25	12	13	21	53	RL - 95 - 10
95	M12	13	13.5	17.4	25	12	13	21	53	RL - 95 - 12
95	M13	14.5	13.5	17.4	25	14	15	22	55	RL - 95 - 14
95	M16	17	13.5	17.4	25	14	16	22	56	RL - 95 - 16
120	M10	10.5	15	19.4	28	13	14	23	60	RL - 120 - 10
120	M12	13	15	19.4	28	13	14	23	60	RL - 120 - 12
120	M13	14.5	15	19.4	28	13	14	23	60	RL - 120 - 14
120	M16	17	15	19.4	28	16	16	23	64	RL - 120 - 16
150	M10	10.5	16.5	21.2	30	16	16	27	70	RL - 150 - 10
150	M12	13	16.5	21.2	30	16	16	27	70	RL - 150 - 12
150	M13	14.5	16.5	21.2	30	16	16	27	70	RL - 150 - 14
150	M16	17	16.5	21.2	30	16	16	27	70	RL - 150 - 16
150	M20	21	16.5	21.2	30	19	16	27	73	RL - 150 - 20
185	M10	10.5	18.5	23.5	34	17	19	32	80	RL - 185 - 10
185	M12	13	18.5	23.5	34	17	19	32	80	RL - 185 - 12
185	M13	14.5	18.5	23.5	34	17	19	32	80	RL - 185 - 14
185	M16	17	18.5	23.5	34	17	19	32	80	RL - 185 - 16
185	M20	21	18.5	23.5	34	17	19	32	80	RL - 185 - 20
240	M10	10.5	21	26.5	38	20	20	37	94	RL - 240 - 10
240	M12	13	21	26.5	38	20	20	37	94	RL - 240 - 12
240	M13	14.5	21	26.5	38	20	20	37	94	RL - 240 - 14
240	M16	17	21	26.5	38	20	20	37	94	RL - 240 - 16
240	M20	21	21	26.5	38	20	20	37	94	RL - 240 - 20
300	M10	10.5	23.5	30	43	22	22	42	101	RL - 300 - 10
300	M12	13	23.5	30	43	22	22	42	101	RL - 300 - 12
300	M13	14.5	23.5	30	43	22	22	42	101	RL - 300 - 14
300	M16	17	23.5	30	43	22	22	42	101	RL - 300 - 16
300	M20	21	23.5	30	43	22	22	42	101	RL - 300 - 20
400	M10	10.5	28.5	36.5	52.5	26	26	44	114	RL - 400 - 10
400	M12	13	28.5	36.5	52.5	26	26	44	114	RL - 400 - 12
400	M13	14.5	28.5	36.5	52.5	26	26	44	114	RL - 400 - 14
400	M16	17	28.5	36.5	52.5	26	26	44	114	RL - 400 - 16
400	M20	21	28.5	36.5	52.5	26	26	44	114	RL - 400 - 20
500	M16	17	30	39	56	28	28	48	129	RL - 500 - 16
500	M20	21	30	39	56	28	28	48	129	RL - 500 - 20
500	NA*	30	39	56				48	129	RL - 500 - BL
630	M16	17	35	45	63.8	33	33	58	148	RL - 630 - 16
630	M20	21	35	45	63.8	33	33	58	148	RL - 630 - 20
630	NA*		35	45	63.8			58	148	148RL - 630 - BL
800	NA*		39	50.6	72			78	170	# RL - 800 - BL
1000	NA*		43	56.2	78.5			90	200	# RL - 1000 - BL

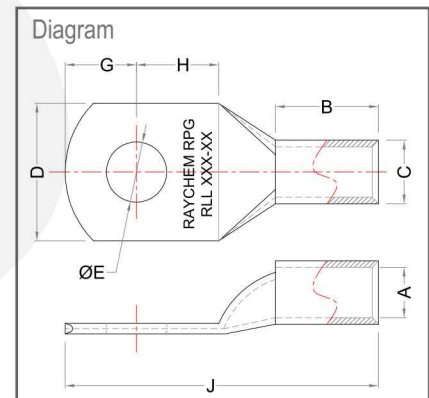


* WITHOUT STUD HOLE
UL NOT AVAILABLE

LIGHT DUTY CABLE LUGS

Cable mm ²	Stud Size	Dimensions in mm								Product code
		Stud Hole Size	Barrel ID	Barrel OD	Palm Width	Stud Center Distance	Stud Center	Barrel Length	Total Length	
		E	A	C	D	G	H	B	J	
35	M6	6.5	8	10	15	9	9	13.5	37	RLL - 35 - 6
35	M8	8.4	8	10	15	9	9	13.5	37	RLL - 35 - 8
35	M10	10.5	8	10	15	9	9	13.5	37	RLL - 35 - 10
35	M12	13	8	10	18	10	12	13.5	41	RLL - 35 - 12
50	M6	6.5	9.2	11.2	16	9	10	17	42	RLL - 50 - 6
50	M8	8.4	9.2	11.2	16	9	10	17	42	RLL - 50 - 8
50	M10	10.5	9.2	11.2	16	9	15	17	42	RLL - 58 - 10
50	M12	13	9.2	11.2	20	10	12	17	45	RLL - 50 - 12
50	M14	14.5	9.2	11.2	22	15	15	18	54	RLL - 50 - 14
50	M16	17	9.2	11.2	22	15	15	18	54	RLL - 50 - 16
70	M8	8.4	11.5	13.8	20	11	11	18.5	47	RLL - 70 - 8
70	M10	10.5	11.5	13.8	20	11	11	18.5	47	RLL - 70 - 10
70	M12	13	11.5	13.8	20	11	11	18.5	47	RLL - 70 - 12
70	M14	14.5	11.5	13.8	20	14	15	18.5	55	RLL - 70 - 14
70	M16	17	11.5	13.8	20	14	16	18.5	56	RLL - 70 - 16
95	M8	8.4	12.8	15.6	23	12	13	21	53	RLL - 95 - 8
95	M10	10.5	12.8	15.6	23	12	13	21	53	RLL - 95 - 10
95	M12	13	12.8	15.6	23	12	13	21	53	RLL - 95 - 12
95	M14	14.5	12.8	15.6	23	14	15	22	55	RLL - 95 - 14
95	M16	17	12.8	15.6	23	14	16	22	56	RLL - 95 - 16
120	M8	8.4	14.8	17.8	26	13	14	23	60	RLL - 120 - 8
120	M10	10.5	14.8	17.8	26	13	14	23	60	RLL - 120 - 10
120	M12	13	14.8	17.8	26	13	14	23	60	RLL - 120 - 12
120	M14	14.5	14.8	17.8	26	13	14	23	60	RLL - 120 - 14
120	M16	17	14.8	17.8	26	16	16	23	64	RLL - 120 - 16
150	M8	8.4	16	19.6	28	16	16	27	70	RLL - 150 - 8
150	M10	10.5	16	19.6	28	16	16	27	70	RLL - 150 - 10
150	M12	13	16	19.6	28	16	16	27	70	RLL - 150 - 12
150	M14	14.7	16	19.6	28	16	18	27	70	RLL - 150 - 14
150	M16	17	16	19.6	28	16	16	27	70	RLL - 150 - 16
150	M20	21	16	19.6	28	16	16	27	73	RLL - 150 - 20
185	M10	10.5	18	22	32	17	19	32	80	RLL - 185 - 10
185	M12	13	18	22	32	17	19	32	80	RLL - 185 - 12
185	M14	14.7	18	22	32	17	19	32	80	RLL - 185 - 14
185	M16	17	18	22	32	17	19	32	80	RLL - 185 - 16
185	M20	21	18	22	32	17	19	32	80	RLL - 185 - 20
240	M10	10.5	22	26	38	20	21	39	94	RLL - 240 - 10
240	M12	13	22	26	38	20	21	39	94	RLL - 240 - 12
240	M14	14.7	22	26	38	20	21	39	94	RLL - 240 - 14
240	M16	17	22	26	38	20	21	39	94	RLL - 240 - 16
240	M20	21	22	26	38	20	21	39	94	RLL - 240 - 20
300	M10	10.5	24	28.7	42	22	23	42	102	RLL - 300 - 10
300	M12	13	24	28.7	42	22	23	42	102	RLL - 300 - 12
300	M14	14.7	24	28.7	42	22	23	42	102	RLL - 300 - 14
300	M16	17	24	28.7	42	22	23	42	102	RLL - 300 - 16
300	M20	21	24	28.7	42	22	23	42	102	RLL - 300 - 20
300	NA*		24	28.7	42	22	23	42	102	RLL - 300 - BL
400	M12	13	28	33.2	49	25	25	45	112	RLL - 400 - 12
400	M14	14.7	28	33.2	49	25	25	45	112	RLL - 400 - 14
400	M16	17	28	33.2	49	25	25	45	112	RLL - 400 - 16
400	M18	21	28	33.2	49	25	25	45	112	RLL - 400 - 18
400	NA*		28	33.2	49	25	25	45	112	RLL - 400 - BL
500	M14	14.7	30	36	53	27	27	50	121	RLL - 500 - 14
500	M16	17	30	36	53	27	27	50	121	RLL - 500 - 16
500	M20	21	30	36	53	27	27	50	121	RLL - 500 - 20
500	NA*		30	36	53	27	27	50	121	RLL - 500 - BL
630	M14	14.7	35	41.5	61	25	25	70	144	RLL - 630 - 14
630	M16	17	35	41.5	61	25	25	70	144	RLL - 630 - 16
630	M20	21	35	41.5	61	25	25	70	144	RLL - 630 - 20
630	NA*		35	41.5	61	25	25	70	144	RLL - 630 - BL
800	NA*		39	46.3	67			78	170	# RLL - 800 - BL

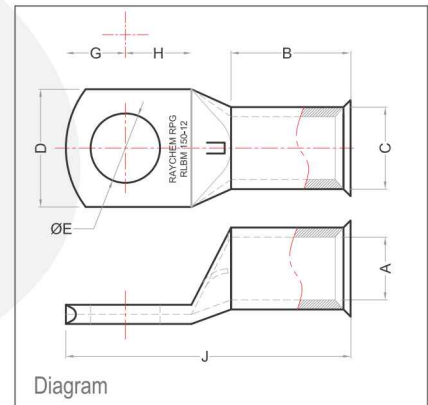
* WITHOUT STUD HOLE
UL NOT AVAILABLE



- ### FEATURES
- Durable lugs for light duty application
 - With inspection hole to ensure full cable insertion
 - Tin plated copper lugs to improve electrical conductivity and avoid oxidation of copper
 - Annealed material optimizes material and crimping properties
 - Flat contact surface and precise stud holes as per the Metric standard
 - Chamfered mouth for easy cable insertion
 - Can be available with /without inspection window

BELL MOUTH CABLE LUGS

Cable mm ²	Stud Size	Dimensions in mm								Product code
		Stud Hole Size E	Barrel ID A	Barrel OD C	Palm Width D	Stud Center Distance G	Stud Center H	Barrel Length B	Total Length J	
10	M5	5.2	4.5	6.2	11	6	7	10	26	RLBM - 10 - 5
10	M6	6.5	4.5	6.2	11	6	7	10	26	RLBM - 10 - 6
10	M8	8.4	4.5	6.2	12	6	9	10	28	RLBM - 10 - 8
10	M10	10.5	4.5	6.8	15	8	11	11	33	RLBM - 10 - 10
10	M12	13	4.5	6.8	18	9	11	11	36	RLBM - 10 - 12
16	M5	5.2	5.4	7.1	12	7	7	12	30	RLBM - 16 - 5
16	M6	6.5	5.4	7.1	12	7	7	12	30	RLBM - 16 - 6
16	M8	8.4	5.4	7.1	12	7	7	12	30	RLBM - 16 - 8
16	M10	10.5	5.5	7.6	15	8	12	12	36	RLBM - 16 - 10
16	M13	13	5.5	7.6	17	11	13	12	39	RLBM - 16 - 13
16	M16	17	5.5	7.6	21	13	14	12	44	RLBM - 16 - 16
25	M6	6.5	8.8	8.8	13	7	7	12	30	RLBM - 25 - 6
25	M8	8.4	6.8	8.8	13	7	7	12	30	RLBM - 25 - 8
25	M10	10.5	6.8	8.8	15	10	11	13	38	RLBM - 25 - 10
25	M12	13	6.8	9.2	17	10	12	15	41	RLBM - 25 - 12
25	M16	17	6.8	9.2	21	13	14	15	47	RLBM - 25 - 16
35	M6	6.5	8.2	10.6	15.3	9	9	13.5	37	RLBM - 35 - 6
35	M8	8.4	8.2	10.6	15.3	9	9	13.5	37	RLBM - 35 - 8
35	M10	10.5	8.2	10.6	15.3	9	9	13.5	37	RLBM - 35 - 10
35	M12	13	8.2	10.6	15.3	10	12	13.5	41	RLBM - 35 - 12
35	M16	17	8.2	10.6	22	13	14	15	47	RLBM - 35 - 16
50	M6	6.5	9.5	12.4	17.8	9	10	17	42	RLBM - 50 - 6
50	M8	8.4	9.5	12.4	17.8	9	10	17	42	RLBM - 50 - 8
50	M10	10.5	9.5	12.4	17.8	9	10	17	42	RLBM - 50 - 10
50	M13	13	9.5	12.4	20	10	12	17	45	RLBM - 50 - 13
50	M14	14.5	9.5	12.4	22	15	15	18	54	RLBM - 50 - 14
50	M16	17	9.5	12.4	22	15	15	18	54	RLBM - 50 - 16
50	M20	21	9.5	12.4	26	16	18	18	60	RLBM - 50 - 20
70	M8	8.4	11.3	14.6	21	11	11	18.5	47	RLBM - 70 - 8
70	M10	10.5	11.3	14.6	21	11	11	18.5	47	RLBM - 70 - 10
70	M12	13	11.3	14.6	21	11	11	18.5	47	RLBM - 70 - 12
70	M14	14.5	11.3	14.6	22	14	15	18.5	55	RLBM - 70 - 14
70	M16	17	11.3	14.6	26	14	16	18.5	56	RLBM - 70 - 16
70	M20	21	11.3	14.6	28	16	18	18.5	63	RLBM - 70 - 20
95	M8	8.4	13.5	17.4	25	12	13	21	53	RLBM - 95 - 8
95	M10	10.5	13.5	17.4	25	12	13	21	53	RLBM - 95 - 10
95	M12	13	13.5	17.4	25	12	13	21	53	RLBM - 95 - 12
95	M14	14.5	13.5	17.4	25	14	15	22	55	RLBM - 95 - 14
95	M16	17	13.5	17.4	25	14	16	22	56	RLBM - 95 - 16
95	M20	21	13.5	17.4	28	15	16	22	63	RLBM - 95 - 20
120	M8	8.4	15	19.4	28	13	14	23	60	RLBM - 120 - 8
120	M10	10.5	15	19.4	28	13	14	23	60	RLBM - 120 - 10
120	M12	13	15	19.4	28	13	14	23	60	RLBM - 120 - 12
120	M14	14.5	15	19.4	28	13	14	23	60	RLBM - 120 - 14
120	M16	17	15	19.4	28	16	16	23	64	RLBM - 120 - 16
120	M20	21	15	19.4	28	16	20	23	68	RLBM - 120 - 20



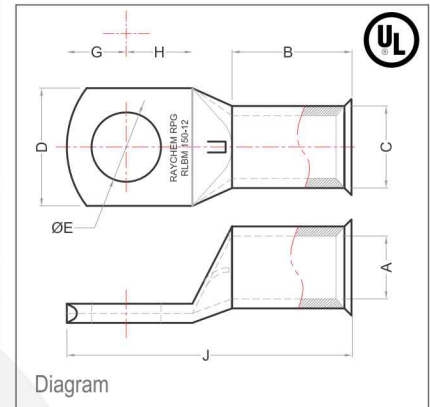
FEATURES

- Bell Mouth Structure provides easy insertion for stranded copper cables
- With inspection hole to ensure full cable insertion
- Tin plated copper lugs to improve electrical conductivity and avoid oxidation of copper
- Annealed material optimizes material and crimping properties
- Flat contact surface and precise stud holes as per the Metric standard
- Chamfered mouth for easy cable insertion
- Can be available with /without inspection window

Continued....

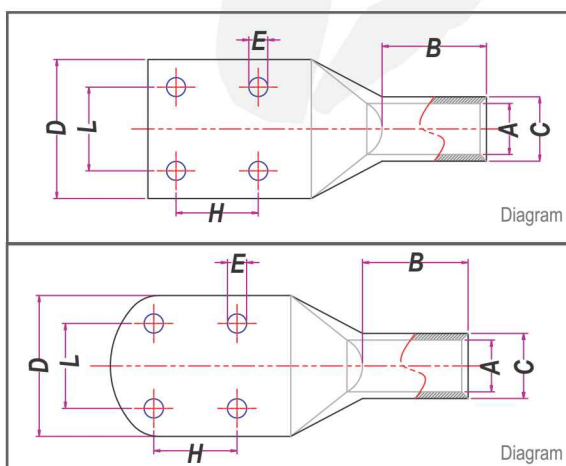
BELL MOUTH CABLE LUGS Continued.....

Cable mm ²	Stud Size	Dimensions in mm								Product code
		Stud Hole Size E	Barrel ID A	Barrel OD C	Palm Width D	Stud Center Distance G	Stud Center H	Barrel Length B	Total Length J	
150	M8	8.4	16.5	21.2	30	16	16	27	70	RLBM - 150 - 8
150	M10	10.5	16.5	21.2	30	16	16	27	70	RLBM - 150 - 10
150	M12	13	16.5	21.2	30	16	16	27	70	RLBM - 150 - 12
150	M14	14.7	16.5	21.2	30	16	16	27	70	RLBM - 150 - 14
150	M16	17	16.5	21.2	30	16	16	27	70	RLBM - 150 - 16
150	M20	21	16.5	21.2	30	16	16	27	73	RLBM - 150 - 20
185	M10	10.5	18.5	23.5	34	17	19	32	80	RLBM - 185 - 10
185	M12	13	18.5	23.5	34	17	19	32	80	RLBM - 185 - 12
185	M14	14.7	18.5	23.5	34	17	19	32	80	RLBM - 185 - 14
185	M16	17	18.5	23.5	34	17	19	32	80	RLBM - 185 - 16
185	M20	21	18.5	23.5	34	17	19	32	80	RLBM - 185 - 20
240	M10	10.5	21	26.5	38	20	21	39	94	RLBM - 240 - 10
240	M12	13	21	26.5	38	20	21	39	94	RLBM - 240 - 12
240	M14	14.5	21	26.5	38	20	21	39	94	RLBM - 240 - 14
240	M16	17	21	26.5	38	20	21	39	94	RLBM - 240 - 16
240	M20	21	21	26.5	38	20	21	39	94	RLBM - 240 - 20



FOUR HOLE TRANSFORMER CABLE LUGS

Cable mm ²	Dimensions in mm								Product code
	Stud Hole Size E	Barrel ID A	Barrel OD C	Palm Width D	Stud Center Distance L	Stud Center H	Barrel Length B	Total Length J	
400	10.5	28.5	36.5	52.5	25.0	35.0	44.0	114.0	RLT 400 4E 10
400	13.0	28.5	36.5	52.5	25.0	35.0	44.0	114.0	RLT 400 4E 12
400	14.5	28.5	36.5	52.5	25.0	35.0	44.0	114.0	RLT 400 4E 14
400	17.0	28.5	36.5	52.5	25.0	35.0	44.0	114.0	RLT 400 4E 16
500	14.5	30.0	39.0	56.0	25.0	35.0	48.0	124.0	RLT 500 4E 14
500	17.0	30.0	39.0	56.0	25.0	35.0	48.0	124.0	RLT 500 4E 16
630	17.0	35.0	45.0	65.0	25.0	35.0	56.0	144.0	RLT 630 4E 16
800	21.0	39.0	50.6	72.0	25.0	35.0	78.0	170.0	RLT 800 4E-16



FEATURES

- Heavy Duty lugs for transformer application
- Facilitates good heat dissipation!
- With inspection hole to ensure full cable insertion
- Tin plated copper lugs to improve electrical conductivity and avoid oxidation of copper
- Annealed material optimizes material and crimping properties
- Chamfered mouth for easy cable insertion
- Can be available with /without inspection window

NARROW PALM CABLE LUGS

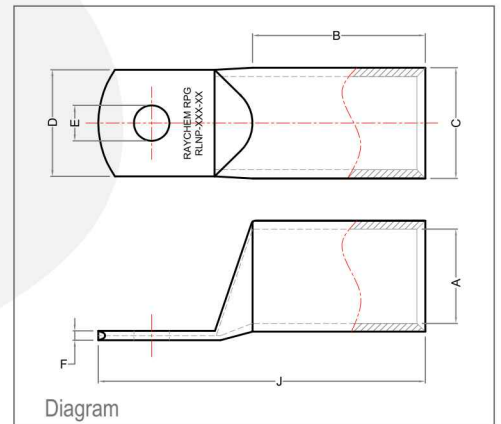
FEATURES

- Specifically developed for application on circuit breakers with reduced space terminal blocks
- Ensures immediate and easy installation of wires
- With inspection hole to ensure full cable insertion
- Tin plated copper lugs to improve electrical conductivity and avoid oxidation of copper
- Annealed material optimizes material and crimping properties
- Chamfered mouth for easy cable insertion

Cable mm ²	Stud Hole E	Dimensions in mm						Product code
		A	C	D	F	B	J	
35	6.5	8.20	10.6	15	3	21	41	RLNP 35-6
50	6.5	9.50	12.4	15	3.2	22	43	RLNP 50-6
50	10.5	9.50	12.4	19	3.2	22	49	RLNP 50-10
70	6.5	11.30	14.6	17	3.3	24	45	RLNP 70-6
70	10.5	11.30	14.6	19	3.3	24	51	RLNP 70-10
95	8.4	13.50	17.4	19	3.9	27	51	RLNP 95-8
95	10.5	13.50	17.4	19	3.9	27	55	RLNP 95-10
120	8.4	15.00	19.4	19	5	30	61	RLNP 120-8
120	10.5	15.00	19.4	19	5	30	61	RLNP 120-10
150	8.4	16.50	21.2	19	5.5	30	66	RLNP 150-8
150	10.5	16.50	21.2	19	5.5	30	66	RLNP 150-10
185	10.5	18.50	23.5	31	5.7	38	82	RLNP 185-10
240	10.5	21.00	26.5	31	7.1	38	82	RLNP 240-10
300	10.5	23.50	30.0	31	7.8	42	87	RLNP 300-10



Narrow Palm Lug



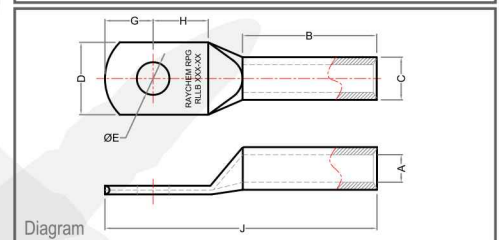
Diagram

LONG BARREL CABLE LUGS

Size (Sq mm)	Dimensions								Product code
	E	A	C	D	G	H	B	J	
6	8.4	3.8	5.5	12	7	7	15	29	RLLB-6-8
10	8.4	4.5	6.2	13	8	12	16	29	RLLB-10-8
16	8.4	5.4	7.6	12	7	7	15	35	RLLB-16-8
	10.5	5.4	7.6	15	7	7	15	35	RLLB-16-10
	13.0	5.4	7.6	16	7	7	15	35	RLLB-16-12
25	8.4	6.8	8.8	13	8	12	16	41	RLLB-25-8
	10.5	6.8	8.8	15	8	12	16	41	RLLB-25-10
	13.0	6.8	8.8	15	8	12	16	41	RLLB-25-12
35	8.4	8.2	10.6	16	9	14	20	48	RLLB-35-8
	10.5	8.2	10.6	16	9	14	20	48	RLLB-35-10
	13.0	8.2	10.6	16	9	14	20	48	RLLB-35-12
50	8.4	9.5	12.4	18	10	16	26	59	RLLB-50-8
	10.5	9.5	12.4	18	10	16	26	59	RLLB-50-10
	13.0	9.5	12.4	20	10	16	26	59	RLLB-50-12
	14.5	9.5	12.4	20	10	16	26	59	RLLB-50-14
70	8.4	11.3	14.6	21	12	19	28	66	RLLB-70-8
	10.5	11.3	14.6	21	12	19	28	66	RLLB-70-10
	13.0	11.3	14.6	21	12	19	28	66	RLLB-70-12
	14.5	11.3	14.6	22	12	19	28	66	RLLB-70-14
	17.0	11.3	14.6	22	14.5	16.5	28	66	RLLB-70-16



Long Barrel Lug



Diagram

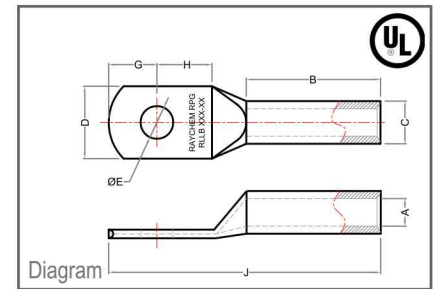
FEATURES

- Longer length barrel permits extra crimps for additional assurance on heavy duty loads.
- Seamless, one piece, copper construction with tin plating assures maximum conductivity.
- Generous entrance chamfer provides easy cable insertion.
- Can be available with /without inspection window.

Continued.....

LONG BARREL CABLE LUGS Continued....

Size (Sq mm)	Dimensions								Product code
	Stud Hole	A	C	D	G	H	B	J	
95	8.4	13.5	17.4	25	12	20	32	74	RLLB-95-8
	10.5	13.5	17.4	25	12	20	32	74	RLLB-95-10
	13.0	13.5	17.4	25	12	20	32	74	RLLB-95-12
	14.5	13.5	17.4	25	14	19	32	75	RLLB-95-14
	17.0	13.5	17.4	25	14	19	32	75	RLLB-95-16
120	8.4	15	19.4	28	14	23	35	82	RLLB-120-8
	10.5	15	19.4	28	14	23	35	82	RLLB-120-10
	13.0	15	19.4	28	14	23	35	82	RLLB-120-12
	14.5	15	19.4	28	14	23	35	82	RLLB-120-14
	17.0	15	19.4	28	14	23	35	82	RLLB-120-16
150	8.4	16.5	21.2	30	14	24	38	86	RLLB-150-8
	10.5	16.5	21.2	30	14	24	38	86	RLLB-150-10
	13.0	16.5	21.2	30	14	24	38	86	RLLB-150-12
	14.5	16.5	21.2	30	14	24	38	86	RLLB-150-14
	17.0	16.5	21.2	30	14	24	38	86	RLLB-150-16
185	8.4	18.5	23.5	34	17	23	43	95	RLLB-185-8
	10.5	18.5	23.5	34	17	23	43	95	RLLB-185-10
	13.0	18.5	23.5	34	17	23	43	95	RLLB-185-12
	14.5	18.5	23.5	34	17	23	43	95	RLLB-185-14
	17.0	18.5	23.5	34	17	23	43	95	RLLB-185-16
240	8.4	21	26.5	38	20	30	50	112	RLLB-240-8
	10.5	21	26.5	38	20	30	50	112	RLLB-240-10
	13.0	21	26.5	38	20	30	50	117	RLLB-240-12
	14.5	21	26.5	38	20	30	50	117	RLLB-240-14
	17.0	21	26.5	38	20	30	50	117	RLLB-240-16
300	10.5	23.5	30	43	20	32	54	120	RLLB-300-10
	13.0	23.5	30	43	20	32	54	120	RLLB-300-12
	14.5	23.5	30	43	20	32	54	120	RLLB-300-14
	17.0	23.5	30	43	20	32	54	120	RLLB-300-16
	21.0	23.5	30	43	20	32	54	120	RLLB-300-20
400	10.5	28.5	36.5	52.5	22	34	62	134	RLLB-400-10
	13.0	28.5	36.5	52.5	22	34	62	134	RLLB-400-12
	14.5	28.5	36.5	52.5	22	34	62	134	RLLB-400-14
	17.0	28.5	36.5	52.5	22	34	62	134	RLLB-400-16
	21.0	28.5	36.5	52.5	22	34	62	134	RLLB-400-20
500	10.5	30	39	56	28	28	69	145	RLLB-500-10
	13.0	30	39	56	28	28	69	145	RLLB-500-12
	14.5	30	39	56	28	28	69	145	RLLB-500-14
	17.0	30	39	56	28	28	69	145	RLLB-500-16
	21.0	30	39	56	28	28	69	145	RLLB-500-20
630	10.5	35	45	63.8	30	30	78	158	RLLB-630-10
	13.0	35	45	63.8	30	30	78	158	RLLB-630-12
	14.5	35	45	63.8	30	30	78	158	RLLB-630-14
	17.0	35	45	63.8	30	30	78	158	RLLB-630-16
	21.0	35	45	63.8	30	30	78	158	RLLB-630-20
1000	10.5	44	56.2	79	23	24	126	202	# RLLB-1000-10
	13.0	44	56.2	79	23	24	126	202	# RLLB-1000-12
	14.5	44	56.2	79	23	24	126	202	# RLLB-1000-14
	17.0	44	56.2	79	23	24	126	202	# RLLB-1000-16
	21.0	44	56.2	79	23	24	126	202	# RLLB-1000-20



UL NOT AVAILABLE

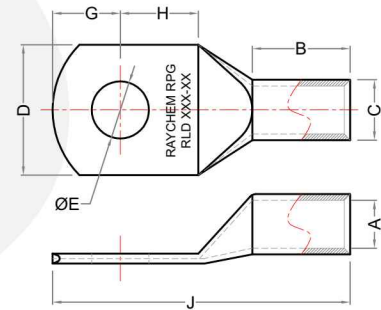
DIN 46235 CABLE LUGS

Cable mm ²	Stud Size	Dimensions in mm								Product code
		Stud Hole Size	Palm Width	Barrel ID	Barrel Length	Barrel OD	Stud Center Distance	Stud Center	Total Length	
		E	D	A	B	C	G	H	J	
6	M5	5.3	8.5	3.8	10	5.5	6.5	7.5	30.5	RLD - 6 - 5
10	M6	6.5	8.5	4.5	10	6	7	8.5	34.5	RLD - 10 - 6
16	M6	6.5	12	5.5	20	8.5	7.5	8	42.5	RLD - 16 - 6
16	M8	8.4	12	5.5	20	8.5	10	10	45	RLD - 16 - 8
16	M10	10.5	17	5.5	20	8.5	12	12	49	RLD - 16 - 10
16	M12	13	19	5.5	20	8.5	13	13	50	RLD - 16 - 12
25	M6	6.5	15	7	20	10	7.5	8	46.5	RLD - 25 - 6
25	M8	8.4	15	7	20	10	10	10	49	RLD - 25 - 8
25	M10	10.5	17	7	20	10	12	12	51	RLD - 25 - 10
25	M12	13	19	7	20	10	13	13	52	RLD - 25 - 12
35	M8	8.4	17	8.2	20	12.5	7.5	8	49.5	RLD - 35 - 8
35	M10	10.5	19	8.2	20	12.5	10	10	52	RLD - 35 - 10
35	M12	13	21	8.2	20	12.5	12	12	54	RLD - 35 - 12
50	M8	8.4	22	10	28	14.5	10	10	61	RLD - 50 - 8
50	M10	10.5	22	10	28	14.5	12	12	63	RLD - 50 - 10
50	M12	13	23	10	28	14.5	13	13	64	RLD - 50 - 12
50	M16	17	28	10	28	14.5	14.5	14.5	65.5	RLD - 50 - 16
70	M10	10.5	24	11.5	28	16.5	10	10	64	RLD - 70 - 10
70	M12	13	24	11.5	28	16.5	12	12	66	RLD - 70 - 12
70	M16	17	32	11.5	28	16.5	13	13	67	RLD - 70 - 16
70	M20	21	32	11.5	28	16.5	14.5	14.5	68.5	RLD - 70 - 20
95	M10	10.5	28	13.5	35	19	12	12	76	RLD - 95 - 10
95	M12	13	28	13.5	35	19	12	12	76	RLD - 95 - 12
95	M16	17	32	13.5	35	19	13	13	80	RLD - 95 - 16
95	M20	21	34	13.5	35	19	14.5	14.5	81.5	RLD - 95 - 20
120	M10	10.5	32	15.5	35	21	15	16	83	RLD - 120 - 10
120	M12	13	32	15.5	35	21	16	17	84	RLD - 120 - 12
120	M16	17	32	15.5	35	21	18	19	87	RLD - 120 - 16
120	M20	21	38	15.5	35	21	19	20	88	RLD - 120 - 20
150	M10	10.5	34	17	35	23.5	15	16	92	RLD - 150 - 10
150	M12	13	34	17	35	23.5	16	17	93	RLD - 150 - 12
150	M16	17	34	17	35	23.5	19	20	96	RLD - 150 - 16
150	M20	21	40	17	35	23.5	19	20	96	RLD - 150 - 20
185	M10	10.5	37	19	40	25.5	15	16	96	RLD - 185 - 10
185	M12	13	37	19	40	25.5	16	17	97	RLD - 185 - 12
185	M16	17	37	19	40	25.5	19	20	100	RLD - 185 - 16
185	M20	21	40	19	40	25.5	19	20	100	RLD - 185 - 20
240	M10	10.5	42	21.5	40	29	16	17	107	RLD - 240 - 10
240	M12	13	42	21.5	40	29	19	20	110	RLD - 240 - 12
240	M16	17	42	21.5	40	29	19	20	110	RLD - 240 - 16
240	M20	21	46	21.5	40	29	21	22	112	RLD - 240 - 20
300	M12	13	48	24	50	32	19	22	119	RLD - 300 - 12
300	M16	17	48	24	50	32	19	22	119	RLD - 300 - 16
300	M20	21	48	24	50	32	22	22	122	RLD - 300 - 20
400	M16	17	55	27.5	70	38.5	25	25	140	RLD - 400 - 16
400	M20	21	55	27.5	70	38.5	25	25	140	RLD - 400 - 20
500	M20	21	60	31	70	42	25	25	152	RLD - 500 - 20
630	M20	21	60	34.5	80	44	25	25	160	RLD - 630 - 20
800	M20	21	70	40	100	52	30	30	195	RLD - 800 - 20
1000	M20	21	80	44	100	58	30	30	195	RLD - 1000 - 20



Crimp Type Lug (DIN 46235)

Diagram



FEATURES

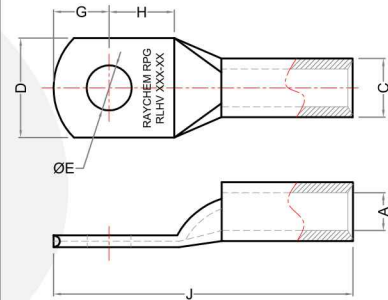
- Lugs as per DIN46235 Standard
- Tin Plated to inhibit corrosion
- Material - Electrolytic Copper
- Enclosed barrel prevent corrosion material from entering barrel when used in harsh environment

SINGLE HOLE HIGH VOLTAGE CABLE LUGS

Cable mm ²	Stud Size	Dimensions in mm							Product code
		Stud Hole Size	Barrel ID	Barrel OD	Palm Width	Stud Center Distance	Stud Center	Total Length	
		E	A	C	D	G	H	J	
25	M8	8	6.8	10	14	8	9	65	RLHV - 25 - 8
25	M10	10	6.8	10	18	11	13	72	RLHV - 25 - 10
25	M12	12	6.8	10	21	14	16	78	RLHV - 25 - 12
35	M12	12	8.2	12.5	21	14	16	79	RLHV - 35 - 12
35	M16	16	8.2	12.5	26	17	19	85	RLHV - 35 - 16
50	M12	12	9.5	14.5	21	14	16	79	RLHV - 50 - 12
50	M16	16	9.5	14.5	26	17	19	85	RLHV - 50 - 16
70	M12	12	11	16	28	14	16	81	RLHV - 70 - 12
70	M16	16	11	16	30	17	19	87	RLHV - 70 - 16
95	M12	12	13.5	19	28	14	16	91	RLHV - 95 - 12
95	M14	14	13.5	19	29	16	18	95	RLHV - 95 - 14
95	M16	16	13.5	19	30	17	20	97	RLHV - 95 - 16
120	M12	12	15	20.5	31	14	16	97	RLHV - 120 - 12
120	M14	14	15	20.5	31	16	18	101	RLHV - 120 - 14
150	M12	12	16.5	23	32	14	16	97	RLHV - 150 - 12
150	M14	14	16.5	23	32	16	18	101	RLHV - 150 - 14
185	M14	14	17	23.5	32.5	16	18	101	RLHV - 185 - 14
240	M14	14	19.2	25.5	44	16	18	105	RLHV - 240 - 14
300	M14	14	23.5	32	43	16	18	105	RLHV - 300 - 14
400	M14	14	27	38	51	19	22	140	RLHV - 400 - 14
400	M16	16	27	38	51	19	22	140	RLHV - 400 - 16
400	M20	20	27	38	51.0	23	24	146	RLHV - 400 - 20
500	M16	16	30.3	41	56.5	19	22	147	RLHV - 500 - 16
500	M20	20	30.3	41	56.5	23	24	153	RLHV - 500 - 20
630	M16	16	33.4	43	61.5	19	22	159	RLHV - 630 - 16
630	M20	20	33.4	43	61.5	23	24	165	RLHV - 630 - 20



Lug-33kV application



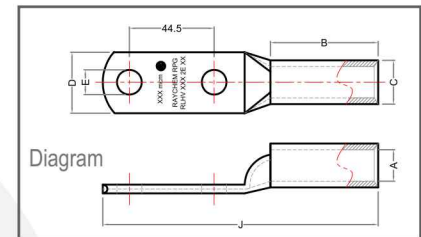
Diagram

FEATURES

- HV lugs are specially designed to withstand high voltage applications upto 33 KV.
- Manufactured from high quality copper tube, annealed and tin plated
- With inspection hole to ensure full cable insertion
- Chamfered mouth for easy cable insertion
- Can be available with /without inspection window

TWO HOLES HIGH VOLTAGE CABLE LUGS

Size (Sq mm)	Dimensions									PRODUCT CODE
	Stud Hole	A	C	D	G	H	Center Distance N	B	J	
25	6.5	6.80	10.00	14.00	15.00	17.00	44.50	37.00	123.00	RLHV 25 2E-6
25	8.4	6.80	10.00	14.00	15.00	17.00	44.50	37.00	123.00	RLHV 25 2E-8
25	10.5	6.80	10.00	16.00	15.00	17.00	44.50	37.00	123.00	RLHV 25 2E-10
25	13.0	6.80	10.00	16.00	15.00	17.00	44.50	37.00	123.00	RLHV 25 2E-12
35	6.5	8.20	12.50	19.50	15.00	17.00	44.50	37.00	124.00	RLHV 35 2E-6
35	8.4	8.20	12.50	19.50	15.00	17.00	44.50	37.00	124.00	RLHV 35 2E-8
35	10.5	8.20	12.50	19.50	15.00	17.00	44.50	37.00	124.00	RLHV 35 2E-10
35	13.0	8.20	12.50	19.50	15.00	17.00	44.50	37.00	124.00	RLHV 35 2E-12
50	6.8	10.00	15.00	20.00	14.00	16.00	44.50	39.50	124.00	RLHV 50 2E-6
50	8.4	10.00	15.00	20.00	14.00	16.00	44.50	39.50	124.00	RLHV 50 2E-8
50	10.5	10.00	15.00	20.00	14.00	16.00	44.50	39.50	124.00	RLHV 50 2E-10
50	13.0	9.50	14.50	20.00	14.00	16.00	44.50	39.50	124.00	RLHV 50 2E-12
70	6.5	11.00	16.00	23.00	14.00	16.00	44.50	42.00	126.00	RLHV 70 2E 6
70	8.4	11.00	16.00	23.00	14.00	16.00	44.50	42.00	126.00	RLHV 70 2E 8
70	10.5	11.00	16.00	23.00	14.00	16.00	44.50	42.00	126.00	RLHV 70 2E 10
70	13.0	11.00	16.00	23.00	14.00	16.00	44.50	42.00	126.00	RLHV 70 2E 12
95	8.4	13.50	19.00	27.00	16.00	18.00	44.50	46.00	138.50	RLHV 95 2E 8
95	10.5	13.50	19.00	27.00	16.00	18.00	44.50	46.00	138.50	RLHV 95 2E 10
95	13.0	13.50	19.00	27.00	16.00	18.00	44.50	46.00	138.50	RLHV 95 2E 12
95	14.5	13.50	19.00	27.00	16.00	18.00	44.50	46.00	138.50	RLHV 95 2E 14
120	8.4	15.00	20.50	29.00	16.00	18.00	44.50	52.00	144.50	RLHV 120 2E 8
120	10.5	15.00	20.50	29.00	16.00	18.00	44.50	52.00	144.50	RLHV 120 2E 10
120	13.0	15.00	20.50	29.00	16.00	18.00	44.50	52.00	144.50	RLHV 120 2E 12
120	14.5	15.00	20.50	29.00	16.00	18.00	44.50	52.00	144.50	RLHV 120 2E 14
150	8.4	16.50	23.00	32.00	14.00	16.00	44.50	56.50	144.50	RLHV 150 2E 8
150	10.5	16.50	23.00	32.00	14.00	16.00	44.50	56.50	144.50	RLHV 150 2E 10
150	13.0	16.50	23.00	32.00	14.00	16.00	44.50	56.50	144.50	RLHV 150 2E 12
150	14.5	16.50	23.00	32.00	14.00	16.00	44.50	56.50	144.50	RLHV 150 2E 14
150	17.0	16.50	23.00	32.00	14.00	16.00	44.50	56.50	144.50	RLHV 150 2E 16
185	8.4	18.50	24.00	32.70	16.00	18.00	44.50	65.00	156.00	RLHV 185 2E 8
185	10.5	18.50	24.00	32.70	16.00	18.00	44.50	65.00	156.00	RLHV 185 2E 10
185	13.0	18.50	24.00	32.70	16.00	18.00	44.50	65.00	156.00	RLHV 185 2E 12
185	14.5	18.50	24.00	32.70	16.00	18.00	44.50	65.00	156.00	RLHV 185 2E 14
185	17.0	18.50	24.00	32.70	16.00	18.00	44.50	65.00	156.00	RLHV 185 2E 16
240	8.4	21.00	26.50	36.00	16.00	20.00	44.50	65.00	160.00	RLHV 240 2E 8
240	10.5	21.00	26.50	36.00	16.00	20.00	44.50	65.00	160.00	RLHV 240 2E 10
240	13.0	21.00	26.50	36.00	16.00	20.00	44.50	65.00	160.00	RLHV 240 2E 12
240	14.5	21.00	26.50	36.00	16.00	20.00	44.50	65.00	160.00	RLHV 240 2E 14
240	17.0	21.00	26.50	36.00	16.00	20.00	44.50	65.00	160.00	RLHV 240 2E 16
300	8.4	23.50	32.00	45.00	17.00	19.00	44.50	79.50	175.00	RLHV 300 2E 8
300	10.5	23.50	32.00	45.00	17.00	19.00	44.50	79.50	175.00	RLHV 300 2E 10
300	13.0	23.50	32.00	45.00	17.00	19.00	44.50	79.50	175.00	RLHV 300 2E 12
300	14.5	23.50	32.00	45.00	17.00	19.00	44.50	79.50	175.00	RLHV 300 2E 14
300	17.0	23.50	32.00	45.00	17.00	19.00	44.50	79.50	175.00	RLHV 300 2E 16
400	10.5	27.00	38.00	53.00	17.00	19.00	44.50	81.00	182.50	RLHV 400 2E 10
400	13.0	27.00	38.00	53.00	17.00	19.00	44.50	81.00	182.50	RLHV 400 2E 12
400	14.5	27.00	38.00	53.00	17.00	19.00	44.50	81.00	182.50	RLHV 400 2E 14
400	17.0	27.00	38.00	53.00	17.00	19.00	44.50	81.00	182.50	RLHV 400 2E 16
400	21.0	27.00	38.00	53.00	17.00	19.00	44.50	81.00	182.50	RLHV 400 2E 20
500	14.5	30.30	41.00	57.00	20.00	20.00	44.50	85.50	194.50	RLHV 500 2E 14
500	17.0	30.30	41.00	57.00	20.00	20.00	44.50	85.50	194.50	RLHV 500 2E 16
500	21.0	30.30	41.00	57.00	20.00	20.00	44.50	85.50	194.50	RLHV 500 2E 20
630	14.5	33.40	43.00	61.00	20.00	20.00	44.50	95.50	206.50	RLHV 630 2E 14
630	17.0	33.40	43.00	61.00	20.00	20.00	44.50	95.50	206.50	RLHV 630 2E 16
630	21.0	33.40	43.00	61.00	20.00	20.00	44.50	95.50	206.50	RLHV 630 2E 20

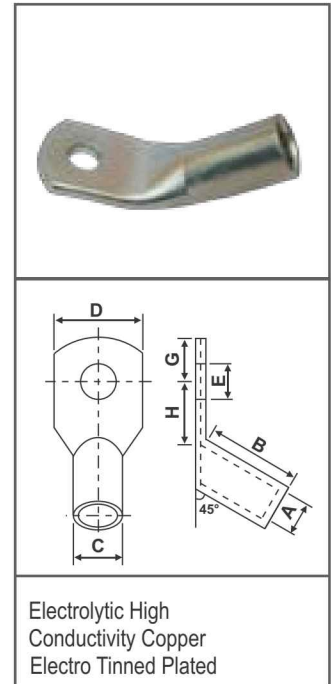


FEATURES

- 2 Hole heavy duty lugs are best suited in application where two bolts are needed to avoid rotation or movement of the lugs.
- They are used for heavy duty industrial application requiring mechanical strength
- Tin plated copper lugs to improve electrical conductivity and avoid oxidation of copper
- Flat contact surface and precise stud holes as per the Metric standard
- Chamfered mouth for easy cable insertion
- Can be available with /without inspection window

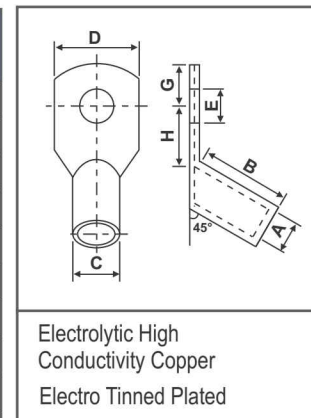
TUBULAR CABLE LUGS – 45° ANGLE

CABLE SIZE mm ²	STUD Ø mm	DIMENSIONS mm							PRODUCT CODE
		A	C	B	D	E	G	H	
6	M4	3.8	5.5	9	9.5	4.2	4	7	RLAF - 6- 4
6	M5	3.8	5.5	9	9.5	5.2	4	7	RLAF - 6- 5
6	M6	3.8	5.5	9	10	6.2	5	9	RLAF - 6- 6
6	M8	3.8	5.5	9	12	8.4	7	11	RLAF - 6- 8
6	M10	3.8	5.5	9	16	10.5	10	13	RLAF - 6- 10
6	M12	3.8	6.5	9	18	13	12	17	RLAF - 6- 12
10	M5	4.5	6.2	10	12	5.2	6	10	RLAF - 10- 5
10	M6	4.5	6.2	10	12	6.5	6	10	RLAF - 10- 6
10	M8	4.5	6.2	10	12	8.4	7	12	RLAF - 10- 8
10	M10	4.7	7.1	10	16	10.5	10	13	RLAF - 10- 10
10	M12	4.7	7.1	10	18	13	12	18	RLAF - 10- 12
16	M5	5.4	7.1	13	12	5.2	7	10	RLAF - 16- 5
16	M6	5.4	7.1	13	12	6.5	7	10	RLAF - 16- 6
16	M8	5.4	7.1	13	12	8.4	7	12	RLAF - 16- 8
16	M10	5.5	7.9	13	16	10.5	10	13	RLAF - 16- 10
16	M12	5.5	7.9	13	18	13	12	18	RLAF - 16- 12
16	M14	5.5	7.9	13	21	15	14	20	RLAF - 16- 14
16	M16	5.5	7.9	13	26	17	16	21	RLAF - 16- 16
25	M5	6.8	8.8	14	13	5.2	7	10	RLAF - 25- 5
25	M6	6.8	8.8	14	13	6.5	7	10	RLAF - 25- 6
25	M8	6.8	8.8	14	13	8.4	7	12	RLAF - 25- 8
25	M10	6.8	8.8	14	16	10.5	10	13	RLAF - 25- 10
25	M12	6.8	8.8	14	18	13	12	18	RLAF - 25- 12
25	M14	7.1	9.5	14	21	15	12	18	RLAF - 25- 14
25	M16	7.1	9.5	14	26	17	16	21	RLAF - 25- 16
35	M6	8.2	10.6	16	15	6.5	9	12	RLAF - 35- 6
35	M8	8.2	10.6	16	15	8.4	9	12	RLAF - 35- 8
35	M10	8.2	10.6	16	18	10.5	10	13	RLAF - 35- 10
35	M12	8.2	10.6	16	21	13	12	18	RLAF - 35- 12
35	M14	8.4	11.5	16	21	15	14	20	RLAF - 35- 14
35	M16	8.4	11.5	16	26	17	16	21	RLAF - 35- 16
50	M6	9.5	12.4	18	18	6.5	10	13	RLAF - 50- 6
50	M8	9.5	12.4	18	18	8.4	10	13	RLAF - 50- 8
50	M10	9.5	12.4	18	18	10.5	10	13	RLAF - 50- 10
50	M12	9.5	12.4	18	23	13	12	18	RLAF - 50- 12
50	M 14	9.5	12.4	18	23	15	14	20	RLAF - 50- 14
50	M16	9.5	12.4	18	28	17	16	21	RLAF - 50- 16
50	M20	9.5	12.4	18	30	21	19	24	RLAF - 50- 20
70	M6	11.2	14.7	20	21	6.5	10	13	RLAF - 70- 6
70	M8	11.2	14.7	20	21	8.4	10	13	RLAF - 70- 8
70	M10	11.2	14.7	20	21	10.5	10	17	RLAF - 70- 10
70	M12	11.2	14.7	20	21	13	12	17	RLAF - 70- 12
70	M14	11.5	16.5	20	23	15	14	20	RLAF - 70- 14
70	M16	11.5	16.5	20	28	17	16	21	RLAF - 70- 16
70	M20	11.5	16.5	20	30	21	19	24	RLAF - 70- 20
95	M8	13.5	17.4	24	25	8.4	12	17	RLAF - 95- 8
95	M10	13.5	17.4	24	25	10.5	12	17	RLAF - 95- 10
95	M12	13.5	17.4	24	25	13	12	17	RLAF - 95- 12
95	M14	13.5	19	24	26	15	14	20	RLAF - 95- 14
95	M16	13.5	19	24	28	17	16	21	RLAF - 95- 16



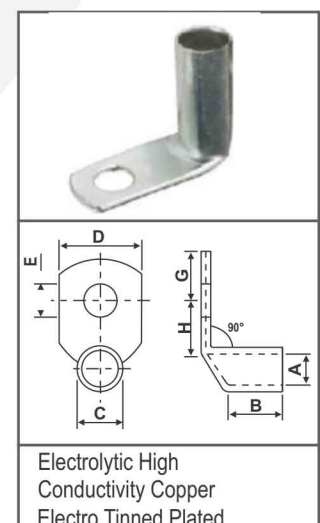
TUBULAR CABLE LUGS – 45° ANGLE Continued.....

CABLE mm ²	STUD ø mm	DIMENSIONS							PRODUCT CODE
		A	C	B	D	E	G	H	
95	M 20	13.5	19	24	36	21	20	27	RLAF 95-20
120	M 8	15	19.4	24	28	8.4	14	19	RLAF 120-8
120	M 10	15	19.4	24	28	10.5	14	19	RLAF 120-10
120	M 12	15	19.4	25	28	13	14	19	RLAF 120-12
120	M 14	15	19.4	25	28	15	16	21	RLAF 120-14
120	M 16	15	19.4	25	28	17	16	21	RLAF 120-16
120	M 20	15.5	21	25	36	21	20	27	RLAF 120-20
150	M 8	16.5	21.2	29	30	8.4	14	19	RLAF 150-8
150	M 10	16.5	21.2	29	30	10.5	14	19	RLAF 150-10
150	M 12	16.5	21.2	29	30	13	14	19	RLAF 150-12
150	M 14	16.5	21.2	29	30	15	14	19	RLAF 150-14
150	M 16	16.5	21.2	29	30	17	16	21	RLAF 150-16
150	M 20	16.5	21.2	29	36	21	20	27	RLAF 150-20
185	M 10	18.5	23.5	30	34	10.5	17	22	RLAF 185-10
185	M 12	18.5	23.5	30	34	13	17	22	RLAF 185-12
185	M 14	18.5	23.5	30	34	15	17	22	RLAF 185-14
185	M 16	18.5	23.5	30	34	17	17	22	RLAF 185-16
185	M 20	18.5	23.5	30	34	21	20	27	RLAF 185-20
240	M 10	21	26.5	35	38	10.5	20	25	RLAF 240-10
240	M 12	21	26.5	35	38	13	20	25	RLAF 240-12
240	M 14	21	26.5	35	38	15	20	25	RLAF 240-14
240	M 16	21	26.5	35	38	17	20	25	RLAF 240-16
240	M 20	21	26.5	35	38	21	20	27	RLAF 240-20
300	M 12	23.5	30	42	43	13	22	27	RLAF 300-12
300	M 14	23.5	30	42	43	15	22	27	RLAF 300-14
300	M 16	23.5	30	42	43	17	22	27	RLAF 300-16
300	M 20	23.5	30	42	43	21	22	27	RLAF 300-20
400	M 12	26.8	34.8	44	50	13	24	29	RLAF 400-12
400	M 14	26.8	34.8	44	50	15	24	29	RLAF 400-14
400	M 16	26.8	34.8	44	50	17	24	29	RLAF 400-16
400	M 20	26.8	34.8	44	50	21	24	29	RLAF 400-120
400	-	26.8	34.8	44	50	-	24	29	RLAF 400 B



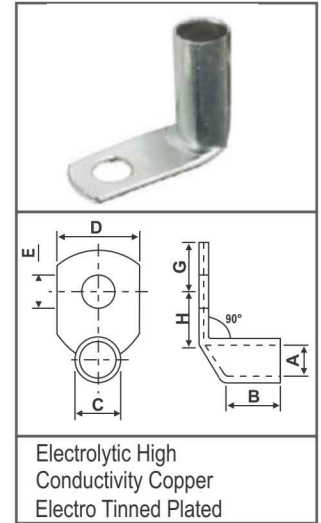
TUBULAR CABLE LUGS – 90° ANGLE

CABLE mm ²	STUD ø mm	DIMENSIONS							PRODUCT CODE
		A	C	B	D	E	G	H	
6	M 4	3.8	5.5	9	9.5	4.2	4	7	RLAN 6-4
6	M 5	3.8	5.5	9	9.5	5.2	4	7	RLAN 6-5
6	M 6	3.8	5.5	9	10	6.2	5	9	RLAN 6-6
6	M 8	3.8	5.5	9	12	8.4	7	11	RLAN 6-8
6	M 10	3.8	5.5	9	16	10.5	10	13	RLAN 6-10
6	M 12	3.8	6.5	9	18	13	12	17	RLAN 6-12
10	M 5	4.5	6.2	10	12	5.2	6	10	RLAN 10-5
10	M 6	4.5	6.2	10	12	6.5	6	10	RLAN 10-6
10	M 8	4.5	6.2	10	12	8.4	7	12	RLAN 10-8
10	M 10	4.7	7.1	10	16	10.5	10	13	RLAN 10-10
10	M 12	4.7	7.1	10	18	13	12	18	RLAN 10-12
16	M 5	5.4	7.1	13	12	5.2	7	10	RLAN 16-5
16	M 6	5.4	7.1	13	12	6.5	7	10	RLAN 16-6
16	M 8	5.4	7.1	13	12	8.4	7	12	RLAN 16-8



TUBULAR CABLE LUGS – 90° ANGLE Continued.....

CABLE mm ²	STUD ø mm	DIMENSIONS							PRODUCT CODE
		A	C	B	D	E	G	H	
16	M 10	5.5	7.7	13	16	10.5	10	13	RLAN 16-10
16	M 12	5.5	7.7	13	18	13	12	18	RLAN 16-12
16	M 14	5.5	7.7	13	21	15	14	20	RLAN 16-14
16	M 16	5.5	7.7	13	26	17	16	21	RLAN 16-16
25	M 5	6.8	8.8	14	13	5.2	7	10	RLAN 25-5
25	M 6	6.8	8.8	14	13	6.5	7	10	RLAN 25-6
25	M 8	6.8	8.8	14	13	8.4	7	12	RLAN 25-8
25	M 10	6.8	8.8	14	16	10.5	10	13	RLAN 25-10
25	M 12	6.8	9.5	14	18	13	12	18	RLAN 25-12
25	M 14	7.1	9.5	14	21	15	12	18	RLAN 25-14
25	M 16	7.1	9.5	14	26	17	16	21	RLAN 25-16
35	M 6	8.2	10.6	16	15	6.5	9	12	RLAN 35-6
35	M 8	8.2	10.6	16	15	8.4	9	12	RLAN 35-8
35	M 10	8.2	10.6	16	18	10.5	10	13	RLAN 35-10
35	M 12	8.2	10.6	16	21	13	12	18	RLAN 35-12
35	M 14	8.2	10.6	16	21	15	14	20	RLAN 35-14
35	M 16	8.4	10.6	16	26	17	16	21	RLAN 35-16
50	M 6	9.5	12.4	18	18	6.5	10	13	RLAN 50-6
50	M 8	9.5	12.4	18	18	8.4	10	13	RLAN 50-8
50	M 10	9.5	12.4	18	18	10.5	10	13	RLAN 50-10
50	M 12	9.5	12.4	18	23	13	12	18	RLAN 50-12
50	M 14	9.5	12.4	18	23	15	14	20	RLAN 50-14
50	M 16	9.5	12.4	18	28	17	16	21	RLAN 50-16
50	M 20	9.5	12.4	18	30	21	19	24	RLAN 50-20
70	M 6	11.2	14.7	20	21	6.5	10	13	RLAN 70-6
70	M 8	11.2	14.7	20	21	8.4	10	13	RLAN 70-8
70	M 10	11.2	14.7	20	21	10.5	10	17	RLAN 70-10
70	M 12	11.2	14.7	20	21	13	12	17	RLAN 70-12
70	M 14	11.2	14.7	20	23	15	14	20	RLAN 70-14
70	M 16	11.2	14.7	20	28	17	16	21	RLAN 70-16
70	M 20	11.2	14.7	20	30	21	19	24	RLAN 70-20
95	M 8	13.5	17.4	24	25	8.4	12	17	RLAN 95-8
95	M 10	13.5	17.4	24	25	10.5	12	17	RLAN 95-10
95	M 12	13.5	17.4	24	25	13	12	17	RLAN 95-12
95	M 14	13.5	17.4	24	26	15	14	20	RLAN 95-14
95	M 16	13.5	17.4	24	28	17	16	21	RLAN 95-16
95	M 20	13.5	17.4	24	36	21	20	27	RLAN 95-20
120	M 8	15	19.4	25	28	8.4	14	19	RLAN 120-8
120	M 10	15	19.4	25	28	10.5	14	19	RLAN 120-10
120	M 12	15	19.4	25	28	13	14	19	RLAN 120-12
120	M 14	15	19.4	25	28	15	16	21	RLAN 120-14
120	M 16	15	19.4	25	28	17	16	21	RLAN 120-16
120	M 20	15	19.4	25	36	21	20	27	RLAN 120-20
150	M 8	16.5	21.2	29	30	8.4	14	19	RLAN 150-8
150	M 10	16.5	21.2	29	30	10.5	14	19	RLAN 150-10
150	M 12	16.5	21.2	29	30	13	14	19	RLAN 150-12
150	M 14	16.5	21.2	29	30	15	14	19	RLAN 150-14
150	M 16	16.5	21.2	29	30	17	16	21	RLAN 150-16
150	M 20	16.5	21.2	29	36	21	20	27	RLAN 150-20



AUSTRALIAN STANDARD CABLE LUGS

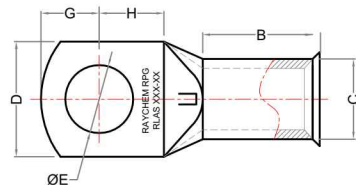
Cable mm ²	Stud Hole E	Dimensions							Product Code
		A	C	F	B	G	H	J	
1.5	4.2	2	8	1	7.5	4	5	18.5	RLAS - 1.5 - 4
1.5	5.2	2	8	1	7.5	4	5	18.5	RLAS - 1.5 - 5
1.5	6.5	2	10	0.8	7.5	4	6	19.5	RLAS - 1.5 - 6
2.5	4.2	2.5	8	1	8	4	5	19	RLAS - 2.5 - 4
2.5	5.2	2.5	10	0.8	8	5	6	20	RLAS - 2.5 - 5
2.5	6.5	2.5	10	0.8	8	5	6	20	RLAS - 2.5 - 6
2.5	8.4	2.5	11	0.7	8	6	9	26	RLAS - 2.5 - 8
4	5.2	3.3	10	1	9	5	6	22	RLAS - 4 - 5
4	6.5	3.3	10	1	9	5	6	22	RLAS - 4 - 6
4	8.4	3.3	12	0.8	9	6	9	26	RLAS - 4 - 8
4	10.2	3.3	15	0.8	9	8	11	32	RLAS - 4 - 10
6	5.2	3.8	10	1.2	10	5	6	23	RLAS - 6 - 5
6	6.5	3.8	12	1	10	6	9	27	RLAS - 6 - 6
6	8.4	3.8	12	1	10	6	9	27	RLAS - 6 - 8
6	10.2	3.8	15	0.8	10	8	11	32	RLAS - 6 - 10
10	5.2	4.7	12	1.8	10	6	7	27	RLAS - 10 - 5
10	6.5	4.7	12	1.8	10	6	7	27	RLAS - 10 - 6
10	8.4	4.7	14	1.6	10	7	8	29	RLAS - 10 - 8
10	10.5	4.7	15	1.5	10	8	10	32	RLAS - 10 - 10
10	13	4.7	18	1	10	10	12	38	RLAS - 10 - 12
16	6.5	5.5	11	2.4	19	7	9	39	RLAS - 16 - 6
16	8.4	5.5	14	1.7	19	7	9	39	RLAS - 16 - 8
16	10.5	5.5	16	1.5	19	8	10	41	RLAS - 16 - 10
16	13	5.5	18	1.2	19	10	13	46	RLAS - 16 - 12
25	6.5	7.1	13.5	2.4	21	7	9	41	RLAS - 25 - 6
25	8.4	7.1	13.5	2.4	21	7	9	41	RLAS - 25 - 8
25	10.5	7.1	16	1.9	21	9	10	44	RLAS - 25 - 10
25	13	7.1	18	1.6	21	10	13	48	RLAS - 25 - 12
35	6.5	8.4	16	3	21	9	10	45	RLAS - 35 - 6
35	8.4	8.4	16	3	21	9	10	45	RLAS - 35 - 8
35	10.5	8.4	18	2.6	21	9	10	45	RLAS - 35 - 10
35	13	8.4	20	2.2	22	11	13	51	RLAS - 35 - 12
50	6.5	9.5	18	3.3	22	8	10	46	RLAS - 50 - 6
50	8.4	9.5	18	3.3	22	8	10	46	RLAS - 50 - 8
50	10.5	9.5	18	3.3	22	8	10	52	RLAS - 50 - 10
50	13	9.5	21	2.7	22	11	13	54	RLAS - 50 - 12
70	6.5	11.3	21	3.5	22	11	13	54	RLAS - 70 - 6
70	8.4	11.3	21	3.5	24	11	13	54	RLAS - 70 - 8
70	10.5	11.3	21	3.5	24	11	13	54	RLAS - 70 - 10
70	13	11.3	21	3.5	24	11	13	54	RLAS - 70 - 12
70	17	11.3	26	3	24	14	16	61	RLAS - 70 - 16

FEATURES

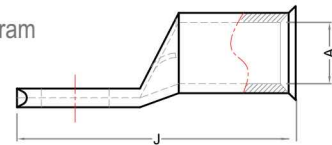
- Lugs as per Australian Standard
- Inspection Window to visually assure full conductor insertion
- Flared entry prevents bent back strands when inserting fine strand conductor into barrel
- Tin Plated to inhibit corrosion
- Material - Electrolytic Copper



Lugs (Australian Standard)



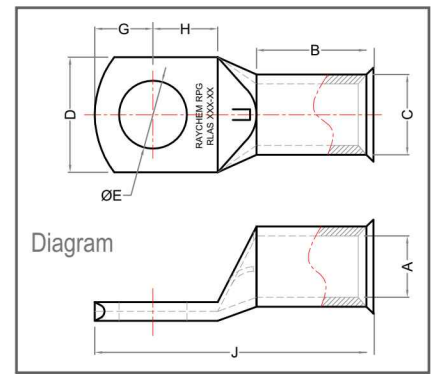
Diagram



Continued.....

AUSTRALIAN STANDARD CABLE LUGS Continued.....

Cable mm ²	Stud Hole E	Dimensions							Product Code
		A	C	F	B	G	H	J	
95	8.4	13.5	25	4	27	12	14	60	RLAS - 95 - 8
95	10.5	13.5	25	4	27	12	14	60	RLAS - 95 - 10
95	13	13.5	25	4	27	12	14	60	RLAS - 95 - 12
95	17	13.5	25	3.5	27	14	16	61	RLAS - 95 - 16
120	8.4	15.6	30	5	30	12	14	64	RLAS - 120 - 8
120	10.5	15.6	30	5	30	12	14	64	RLAS - 120 - 10
120	13	15.6	30	5	30	12	14	64	RLAS - 120 - 12
120	17	15.6	30	5	30	16	16	72	RLAS - 120 - 16
150	10.5	16.7	32	5.8	30	16	16	71	RLAS - 150 - 10
150	13	16.7	32	5.8	30	18	18	75	RLAS - 150 - 12
150	17	16.7	32	5.8	30	18	18	75	RLAS - 150 - 16
185	18.4	18.5	36	5.8	32	16	16	74	RLAS - 185 - 10
185	13	18.5	36	5.8	32	18	18	79	RLAS - 185 - 12
185	17	18.4	36	5.8	32	18	18	79	RLAS - 185 - 16
240		21.2	41	7	38	21	21	92	RLAS - 240 - BL
240	10.5	21.2	41	7	38	21	21	92	RLAS - 240 - 10
240	13	21.2	41	7	38	21	21	92	RLAS - 240 - 12
240	17	21.2	41	7	38	21	21	92	RLAS - 240 - 16
300		23.8	46	7.8	42	23	23	101	RLAS - 300 - BL
300	13	23.8	46	7.8	42	23	23	101	RLAS - 300 - 12
300	17	23.8	46	7.8	42	23	23	101	RLAS - 300 - 16
400		26.8	50	8	44	24	24	107	RLAS - 400 - BL
500		30	56	9	50	27	27	119	RLAS - 500 - BL
630		34	64.4	11	58	32	32	139	RLAS - 630 - BL

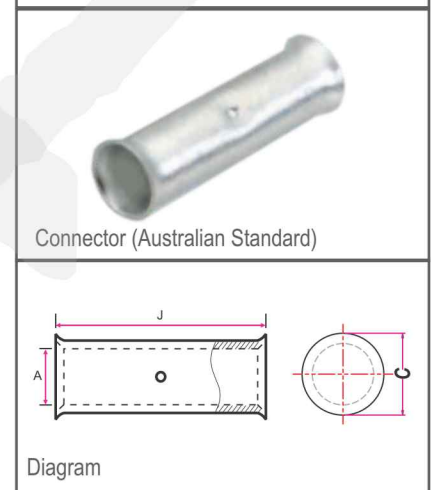


AUSTRALIAN STANDARD - CABLE CONNECTOR

Cable mm ²	Dimensions		Product Code
	A	J	
2.5	2.5	22.2	RCAS - 2.5
4	3.3	22.2	RCAS - 4
6	3.7	22.2	RCAS - 6
10	4.7	22.2	RCAS - 10
16	5.5	44.4	RCAS - 16
25	7.1	47.6	RCAS - 25
35	8.4	47.6	RCAS - 35
50	9.5	47.6	RCAS - 50
70	11	50.8	RCAS - 70
95	13.4	54	RCAS - 95
120	15.5	65.1	RCAS - 120
150	16.3	65.1	RCAS - 150
185	18.4	65.1	RCAS - 185
240	21.2	88.9	RCAS - 240
300	23.8	88.9	RCAS - 300
400	26.8	88.9	RCAS - 400
500	30	114.3	RCAS - 500
630	33.5	114.3	RCAS - 630

FEATURES

- Connectors as per Australian Standard
- Tin Plated to inhibit corrosion
- Material - Electrolytic Copper
- Internal wire stop to prevent over insertion of conductor



Product Approval Certificate

CE Certificate



 EUROPEAN INSPECTION AND CERTIFICATION COMPANY S.A. CERTIFICATE OF CONFORMITY FULLNESS EXAMINATION OF TECHNICAL FILE	
Certificate No.	: IN.CE.EU.153/15
Issue Date	: 19/08/2015
Expiry Date	: 18/08/2020
Applicant (Name & Address)	: RAYCHEM RPG PVT LTD RPG HOUSE 463 , Dr Annie Besant Road Worli , Mumbai 400030
Manufacturer (Name & Address)	: Raychem RPG Pvt. Limited , Plot No. 9, S.No. 62, Hissa No 2 & 3, Near Bharat Petroleum pump, Off Western Express highway, Valiv village Post Sativali, Vasal (E) -401208 , Maharashtra, India Mobile : +0091-9920481130, Landline : +91-250-3057775
TCF No.	: RRPL/TCF/Copper lugs/PA/01/00
MODELS	: Refer Annexure
Directive(s)	: Low Voltage Directive 2006/95/EC
Standard(s)	: IEC / EN 61238-1:2003
This is to certify that, upon the relevant application of RAYCHEM RPG PVT LTD , EUROCERT as Third Party Authority has reviewed the Technical Construction File of the described product which found to fulfill the basic health and safety prerequisites of above mentioned Directive(s).	
Note: <ul style="list-style-type: none"> The manufacturer should issue a Declaration of Conformity according to the basic requirements of the applicable and relevant directives. The CE marking can be affixed on the above mentioned product with the manufacturer's responsibility, if all relevant and applicable directives are complied with. All modifications to the Technical File should be first submitted to the Third Party Inspection Authority to ensure further validity of this attestation. This certificate is valid only for the product and configuration described and in conjunction with the technical data detailing. 	
 Third Party Authority Stamp 89, CHLOIS STR. & LIKOFITSEIOS, 144 52 METAMOIROSI, ATHENS, GREECE Tel: ++30 210 62 32 495, 30 210 62 33 927 - Fax: ++30 210 62 03 018 Internet site: www.euocert.gr - e-mail: euocert@euocert.gr	
On Behalf of EUROCERT  George N Sifonios Director of Development	


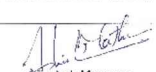

UL Certificate

2/2017	ZMVV.E358299 - Wire Connectors and Soldering Lugs
 ONLINE CERTIFICATIONS DIRECTORY	
ZMVV.E358299 Wire Connectors and Soldering Lugs	
Page Bottom	
Wire Connectors and Soldering Lugs	
See General Information for Wire Connectors and Soldering Lugs	
RAYCHEM RPG PVT LTD PLOT NO. 9, HISSA NO 2&3, NEAR BHARAT PETROLEUM PUMP, OFF WESTERN EXPRESS HIGHWAY, VALIV VILLAGE, POST SATIVALI, VASAL (E), MH 401208 INDIA	E358299
Trademark and/or Tradename: "RRL/RAYCHEM RPG"	
C Shape Connector , Model(s) RCC 10-10, RCC 2-2, RCC 26-2, RCC 26-26, RCC 28-2, RCC 28-26, RCC 28-28, RCC 4-4, RCC 4-6, RCC 4-8, RCC 8-8 Cable Connector , Model(s) RCL - 1.5, RCL - 10, RCL - 120, RCL - 150, RCL - 16, RCL - 185, RCL - 2.5, RCL - 240, RCL - 25, RCL - 300, RCL - 35, RCL - 4, RCL - 400, RCL - 50, RCL - 6, RCL - 630, RCL - 70, RCL - 95 Cable Connectors - Long Barrel , Model(s) RCL-500 Crimp type wire connector , Model(s) RL - 150-14, RL - 2.5-5, RL - 2.5-6, RL - 2.5-8, RL - 240-10, RL - 6-8, RL - 1.5-6, RL - 1.5-5, RL - 10-10, RL - 10-6, RL - 10-8, RL - 120-10, RL - 120-12, RL - 120-14, RL - 120-16, RL - 15-4, RL - 15-10, RL - 150-12, RL - 150-16, RL - 150-20, RL - 16-10, RL - 16-8, RL - 18-6, RL - 185-10, RL - 185-12, RL - 185-14, RL - 185-16, RL - 185-20, RL - 2.5 - 4, RL - 240-12, RL - 240-14, RL - 240-16, RL - 240-20, RL - 240-8, RL - 300-10, RL - 300-12, RL - 300-14, RL - 300-16, RL - 300-20, RL - 300-8, RL - 35-10, RL - 35-12, RL - 35-16, RL - 35-8, RL - 35-6, RL - 4-8, RL - 4-5, RL - 4-6, RL - 4-8, RL - 400-10, RL - 400-12, RL - 400-14, RL - 400-16, RL - 400-20, RL - 50-10, RL - 50-12, RL - 50-16, RL - 50-8, RL - 500-16, RL - 500-20, RL - 500-8, RL - 6-10, RL - 6-5, RL - 6-6, RL - 630-16, RL - 630-20, RL - 630-8, RL - 70-10, RL - 70-12, RL - 70-14, RL - 70-16, RL - 70-8, RL - 95-10, RL - 95-12, RL - 95-14, RL - 95-16, RL - 95-8 Terminal Connectors - Bell Mouth , Model(s) RLBM-10-10, RLBM-10-12, RLBM-10-5, RLBM-10-6, RLBM-10-8, RLBM-120-10, RLBM-120-12, RLBM-120-14, RLBM-120-16, RLBM-120-8, RLBM-120-8, RLBM-150-10, RLBM-150-12, RLBM-150-14, RLBM-150-16, RLBM-150-20, RLBM-150-8, RLBM-185-20, RLBM-240-12, RLBM-240-14, RLBM-240-16, RLBM-240-18, RLBM-240-20, RLBM-25-10, RLBM-25-12, RLBM-25-16, RLBM-25-8, RLBM-35-10, RLBM-35-12, RLBM-35-16, RLBM-35-6, RLBM-35-8, RLBM-50-10, RLBM-50-12, RLBM-50-14, RLBM-50-16, RLBM-50-20, RLBM-50-6, RLBM-50-8, RLBM-70-10, RLBM-70-12, RLBM-70-14, RLBM-70-16, RLBM-70-8, RLBM-95-10, RLBM-95-12, RLBM-95-14, RLBM-95-8 Terminal Connectors - Four Hole , Model(s) RLT-4004 E-10, RLT-4004 E-12, RLT-5004 E-10, RLT-5004 E-12, RLT-6304 E-10, RLT-6304 E-12 Terminal Connectors - Single Hole Long Barrel , Model(s) RLLB - 10 - 8, RLLB - 120 - 12, RLLB - 150 - 12, RLLB - 16 - 8, RLLB - 185 - 12, RLLB - 240 - 16, RLLB - 25 - 8, RLLB - 300 - 20, RLLB - 35 - 8, RLLB - 400 - 20, RLLB - 50 - 12, RLLB - 6 - 8, RLLB - 630 - 20, RLLB - 70 - 12, RLLB - 95 - 12 Terminal Connectors - Two Holes heavy Duty , Model(s) RLHV - 120 2E12, RLHV - 150 2E12, RLHV - 185 2E14, RLHV - 240 2E14, RLHV - 300 2E16, RLHV - 400 2E16, RLHV - 630 2 E20, RLHV - 70 2E12, RLHV - 95 2E12 Terminal Connectors - Two Holes Heavy Duty , Model(s) RLHV -500 2E20 Terminal Connectors - Two Holes heavy Duty , Model(s) RLHV-25 2 E10, RLHV-35 2E10, RLHV-50 2E12 Terminal Connectors, - Single Hole Long Barrel , Model(s) RLLB-500-20 Terminal Connectors, AZLB Two Hole Long Barrel , Model(s) AZLB1-1/2 IV, AZLB1-1/4 I, AZLB1-1/4 II, AZLB1-3/8 III, AZLB1-5/16 II, AZLB1-0-1/2 IV, AZLB1-0-1/4 I, AZLB1-0-1/4 II, AZLB1-0-3/8 III, AZLB1-0-5/16 II, AZLB1-0-5/16 III, AZLB1000-1/2 IV, AZLB1000-3/8 III, AZLB2-1/2 IV, AZLB2-1/4 I, AZLB2-1/4 II, AZLB2-3/8 III, AZLB2-5/16 II, AZLB2-5/16 III, AZLB200-1/2 IV, AZLB200-3/8 III, AZLB250-1/2 IV, AZLB250-3/8 III, AZLB3-1/2 IV, AZLB3-1/4 I, AZLB3-1/4 II, AZLB3-3/8 III, AZLB300-1/2 IV, AZLB300-3/8 III, AZLB350-1/2 IV, AZLB350-3/8 III, AZLB4-1/2 IV, AZLB4-1/4 I, AZLB4-1/4 II, AZLB4-3/8 III, AZLB40-1/2 IV, AZLB40-1/4 I, AZLB40-3/8 III, AZLB400-1/2 IV, AZLB400-3/8 III, AZLB400-3/8 III, AZLB500-1/2 IV, AZLB500-3/8 III, AZLB6-1/2 IV, AZLB6-1/4 I, AZLB6-1/4 II, AZLB6-3/8 III, AZLB6-5/16 II, AZLB6-5/16 III, AZLB600-1/2 IV, AZLB600-3/8 III, AZLB750-1/2 IV, AZLB750-3/8 III, AZLB8-1/4 I, AZLB8-1/4 II Terminal Connectors, ALB Single Hole Long Barrel , Model(s) ALB1-1/2, ALB1-1/4, ALB1-5/16, ALB1-0-1/2, ALB1-0-1/4, ALB1-0-3/8, ALB1-0-5/16, ALB1000-1/2, ALB1000-3/8, ALB2-1/2, ALB2-1/4, ALB2-3/8, ALB250-1/2, ALB250-3/8, ALB300-1/2, ALB300-3/8, ALB350-1/2, ALB350-3/8, ALB4-1/2, ALB4-1/4, ALB4-3/8, ALB4-5/16, ALB40-1/2, ALB40-3/8, ALB400-1/2, ALB400-3/8, ALB400-3/8, ALB500-1/2, ALB500-3/8, ALB6-1/2, ALB6-1/4, ALB6-3/8, ALB6-5/16, ALB600-1/2, ALB600-3/8, ALB750-1/2, ALB750-3/8, ALB8-1/4, ALB8-1/2 Terminal Connectors, ASB Single Hole Standard Barrel , Model(s) ASB1-1/2, ASB1-1/4, ASB1-3/8, ASB1-5/16, ASB1-0-1/2, ASB1-0-1/4, ASB1-0-3/8, ASB1-0-5/16, ASB1000-1/2, ASB1000-3/8, ASB2-1/2, ASB2-1/4, ASB2-3/8, ASB2-5/16, ASB2-0-1/2, ASB2-0-1/4, ASB2-0-3/8, ASB2-0-5/16, ASB250-1/2, ASB250-3/8, ASB250-5/16, ASB250-3/8, ASB300-1/2, ASB300-3/8, ASB350-1/2, ASB350-3/8, ASB4-1/2, ASB4-1/4, ASB4-3/8, ASB4-5/16, ASB4-0-1/2, ASB4-0-1/4, ASB4-0-3/8, ASB4-0-5/16, ASB400-1/2, ASB400-3/8, ASB400-5/8, ASB400-7/8, ASB500-1/2, ASB500-3/4, ASB500-3/8, ASB500-5/8, ASB500-7/8, ASB6-1/4, ASB6-3/8, ASB6-5/16, ASB6-1/2, ASB600-1/2, ASB600-3/8, ASB750-1/2, ASB750-3/8, ASB8-1/4, ASB8-3/8, ASB8-5/16 Terminal Connectors, Light Duty , Model(s) RLL500-14, RLL500-16, RLL500-20, RLL500-8 Terminal Connectors, Light Duty , Model(s) RLL 120-10, RLL 120-12, RLL 120-14, RLL 120-16, RLL 120-20, RLL 120-8, RLL 150-10, RLL 150-12, RLL 150-14, RLL 150-16, RLL 185-10, RLL 185-12, RLL 185-14, RLL 185-16, RLL 185-20, RLL 240-10, RLL 240-12, RLL 240-14, RLL 240-16, RLL 240-20, RLL 300-10, RLL 300-12, RLL 300-14, RLL 300-16, RLL 300-20, RLL 35-12, RLL 35-16, RLL 35-8, RLL 35-6, RLL 50-10, RLL 50-12, RLL 50-14, RLL 50-16, RLL 50-20, RLL 50-8, RLL 50-6, RLL 630-16, RLL 70-10, RLL 70-12, RLL 70-14, RLL 70-16, RLL 70-20, RLL 70-8, RLL 95-10, RLL 95-12, RLL 95-14, RLL 95-20, RLL 95-8, RLL300 -BL, RLL35 -10, RLL400-12, RLL400-14, RLL400-16, RLL400-18, RLL400-BL, RLL58 10, RLL630-14, RLL630-20, RLL630-BL, RLL95-16 Last Updated on 2016-12-23 Questions? 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Product Approval Certificate

IEC Certificate

TEST DISCIPLINE: ELECTRICAL	
General details	
Customer / Applicant	Raychem RPG (P) Ltd. Vasai International Business Division, 1/52, M.G. Road, Near Bharat Petroleum, Waly Village, Post-Sativali, Vasai (E) - 401 208, Maharashtra, India
Manufacturer	Raychem RPG (P) Ltd. Vasai International Business Division, 1/52, M.G. Road, Near Bharat Petroleum, Waly Village, Post-Sativali, Vasai (E) - 401 208, Maharashtra, India
Program	Others
Test Lab Location	(a) UL Bangalore Refer to Cover page for the UL address
Item Under Test	Copper Cable connector and Ferrules - long barrel
Model	RCL 25
Number of Samples	1
UL Sample Identification	1875881-1 to 7 Refer Summary of Test results for multiple samples
Manufacturer Serial Number (if any)	-
Condition of IUT on receipt	Good
Date of Receipt	15 May 2014
Applicable Standard	IEC 61238-1; Compression and mechanical connectors for power cables for rated voltages up to 30 kV (Um = 36 kV)
Number of pages	19 pages
Date of Testing (Start date)	9 April 2015
End Date	27 May 2015
UL general^ ambient condition	Temperature in °C: 23 ± 5°C Relative humidity in %: < 70%
Date of Reporting	24 June 2015
Test In-charge	Venkateswaran.S
# Fill in the rows with information or add hyphen (-)	
 Lab Technician	 Lab Manager
Test In-charge	Authorized signatory
Dimension verification:	
Cat. No.	RCL 25
Sample Number	1875881_7
Observation Results	Sample dimension verified with diagram. Not found deviation P
Tested by signature	
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TEST DISCIPLINE: ELECTRICAL	
General details	
Customer / Applicant	Raychem RPG (P) Ltd. Vasai International Business Division, 1/52, M.G. Road, Near Bharat Petroleum, Waly Village, Post-Sativali, Vasai (E) - 401 208, Maharashtra, India
Manufacturer	Raychem RPG (P) Ltd. Vasai International Business Division, 1/52, M.G. Road, Near Bharat Petroleum, Waly Village, Post-Sativali, Vasai (E) - 401 208, Maharashtra, India
Program	Others
Test Lab Location	(a) UL Bangalore Refer to Cover page for the UL address
Item Under Test	Copper plam Terminal lug
Model	RL 240
Number of Samples	1875875 - 7
UL Sample Identification	1875875 - 1 to 7 Refer Summary of Test results for multiple samples
Manufacturer Serial Number (if any)	-
Condition of IUT on receipt	Good
Date of Receipt	15 May 2014
Applicable Standard	As per customer requirement test procedure followed as per IEC 61238-1; Compression and mechanical connectors for power cables for rated voltages up to 30 kV (Um = 36 kV)
Number of pages	19 pages
Date of Testing (Start date)	7 November 2015
End Date	15 June 2015
UL general^ ambient condition	Temperature in °C: 23 ± 5°C Relative humidity in %: < 70%
Date of Reporting	24 June 2015
Test In-charge	Venkateswaran.S
# Fill in the rows with information or add hyphen (-)	
 Lab Technician	 Lab Manager
Test In-charge	Authorized signatory
Dimension verification:	
Cat. No.	RL 240
Sample Number	1875875 - 7
Observation Results	Sample dimension verified with diagram. Not found deviation P
Tested by signature	
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