COPPER CIRCUIT BREAKER LUGS

CABAC Circuit Breaker Lugs are specially made for terminating large cables to circuit breakers. Since flashover distances have reduced, the connecting tunnel in breakers has become narrower, and fitting lugs in 150 to 250A breakers has become a problem because the palms of conventional lugs are too wide. This range of lugs have the same barrel dimensions as the standard range, so normal crimping rules apply, using the correct die for the cable size.

Many switchboard builders use flexible cables and this lug features a unique bell mouth, which makes insertion of fine stranded conductors much easier.

Made from 99.9%+ cu high conductivity copper, this lug provides the best electrical properties possible.

If a lug is not listed for your application please contact CABAC sales, as we are continually adding to the range.

COMPLIANCE AND SAFETY

- AS/NZS4325 Part 1; IEC France, DIN/VDE Germany, JIS Japan, BS United Kingdom and UL/NEMA USA
- Accepting Authorities: Electricity Services Victoria, Energy Australia, Rail Services Australia, Energex, Western Power, and many other recognised authorities

Test reports are available on request

TECHNICAL INFORMATION

	DESCRIPTION
Conductive Material	Copper 99.95% pure Oxygen content 30 p.p.m Max. Tensile strength 200 MPa Ductile rating 40% Final metal state fully annealed
Electroplating Material	Tin 99.9% pure Other metals lead + antimony Thickness 5 -10 microns
General Electrical Properties	Total conductivity 99.7% IACS Total resistivity: 1.738 micro-ohm cm
Operating Temperature	-55°C to 155°C due to oxygen-free copper
Dimensional Specification	Tooling is interchangeable between CABAC, Utilux and Burndy

Torque Recommendations	
Thread dia.(mm)	**Torque (Nm)**
5	5
6	9
8	22
10	44
12	77
16	190

Recommended torques for hardware should be to Australian and New Zealand Standards

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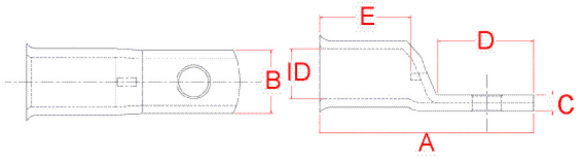

SPECIFICATIONS AND ORDERING INFORMATION

Part No.	Nominal Conductor (mm^2)	ID Size (mm)	Stud Size (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	A/F Hex Die (mm)	No. Crimps	Crimp Die	Unit	Qty
CALCB35-6	35	8.2	6	41	15	3	15	21	9.2	1	HT130-C-35	EA	1
CALCB50-6	50	9.5	6	43	15	3.2	15	22	10.4	1	HT130-C-50	EA	1
CALCB50-8	50	9.5	8	43	15	3.2	15	22	10.4	1	HT130-C-50	EA	1
CALCB50-10	50	9.5	10	49	19	3.2	21	22	10.4	1	HT130-C-50	EA	1
CALCB70-6	70	11.2	6	45	17	3.3	15	24	11.5	1	HT130-C-70	EA	1
CALCB70-8	70	11.2	8	45	17	3.3	15	24	11.5	1	HT130-C-70	EA	1
CALCB70-10	70	11.2	10	51	19	3.3	21	24	11.5	1	HT130-C-70	EA	1
CALCB95-8	95	13.4	8	51	19	3.9	17	27	14.2	1	HT130-C-95	EA	1
CALCB95-10	95	13.4	10	55	19	3.9	21	27	14.2	1	HT130-C-95	EA	1
CALCB120-8	120	15.6	8	61	19	5	23	30	16.5	1	HT130-C-120	EA	1
CALCB120-10	120	15.6	10	61	19	5	23	30	16.5	1	HT130-C-120	EA	1
CALCB120-12	120	15.6	12	61	19	5	23	30	16.5	1	HT130-C-120	EA	1
CALCB150-8	150	16.7	8	66	19	5.5	27	30	18.3	1	HT130-C-150	EA	1
CALCB150-10	150	16.7	10	66	19	5.5	27	30	18.3	1	HT130-C-150	EA	1
CALCB150-12	150	16.7	12	66	19	5.5	27	30	18.3	1	HT130-C-150	EA	1
CALCB185-10	185	18.4	10	74	24.5	5.8	32	32	20	1	HT130-C-185	EA	1
CALCB185-12	185	18.4	12	74	24.5	5.8	32	32	20	1	HT130-C-185	EA	1
CALCB240-10	240	21.2	10	82	31	7.1	32	38	23.1	3	HT130-C-240	EA	1
CALCB240-12	240	21.2	12	82	31	7.1	32	38	23.1	3	HT130-C-240	EA	1
CALCB300-10	300	23.5	10	87	31	7.8	32	42	26	3	HT130-C-300	EA	1
CALCB300-12	300	23.5	12	87	31	7.8	32	42	26	3	HT130-C-300	EA	1
CALCB400	400	26.8	0	122	34.9	12	60	55	28.1	2	ECW-H3D-400	EA	1
CALCB400-10	400	26.8	10	122	34.9	12	60	55	28.1	2	ECW-H3D-400	EA	1
CALCB400-12	400	26.8	12	122	34.9	12	60	55	28.1	2	ECW-H3D-400	EA	1