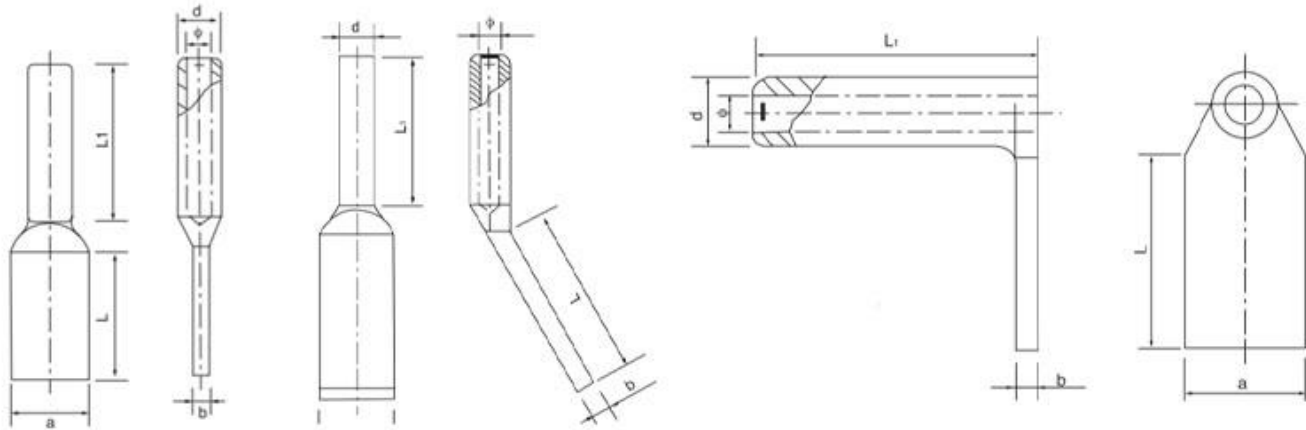


## Overview

Terminal connectors are fittings that connect wires and electrical equipment to transmit electrical loads and bear certain mechanical loads.

Compressed aluminum terminal connectors are constructed by hydraulic or explosive pressure, with good electrical contact performance, and are suitable for permanent connections.

Two manufacturing processes are adopted for compressed aluminum terminal connectors: terminal connectors with a section of 400mm and below can be pressed with aluminum tubes; Terminal connectors with a cross section of 500mm<sup>2</sup> and above shall be welded with aluminum tube or cast.



## Parameter

Catalog No.	Suitable Conductor		Dimensions(mm)					
	Cat.No	O.D(mm)	a	b	d	L1	L	φ
SY-35/6A	LGJ-35/6	8.16	30	8	16	60	60	9.5
SY-50/8A	LGJ-50/8	9.6	30	8	18	60	60	11
SY-70/10A	LGJ-70/10	11.4	40	8	22	70	60	13
SY-95/15A	LGJ-95/15	13.61	40	8	26	80	60	15
SY-120/77A	LGJ-120/70	14.5	50	10	26	80	80	16
SY-120/20A	LGJ-120/20	15.07						16.6
SY-150/8A	LGJ-150/8	16	50	10	30	90	80	17.5
SY-150/20A	LGJ-150/20	16.67						18
SY-185/10A	LGJ-185/10	18	50	12	32	90	80	19.5
SY-185/25-30A	LGJ-185/25	18.9						20.5
	LGJ-185/30	18.88						20.5
SY-210/10A	LGJ-210/10	19	50	12	34	100	80	20.5
SY-210/25A	LGJ-210/25	19.98						21.5
SY-240/30-40A	LGJ-240/30	21.6	50	12	36	100	80	23
	LGJ-240/40	21.66						23
SY-300/15A	LGJ-300/15	23.01	63	16	40	110	100	24.5
SY-300/20A	LGJ-300/20	23.43						25
	LGJ-300/25	23.76						25.5
SY-300/25-40A	LGJ-300/25	23.76						25.5
	LGJ-300/40	23.94						25.5
SY-400/20-35A	LGJ-400/20	26.91	63	16	52	130	100	28.5
	LGJ-400/25	26.64						28.5
	LGJ-400/35	26.82						28.5
SY-400/50A	LGJ-400/50	27.63	63	16	52	130	100	29.5
SY-500/35-45A	LGJ-500/35	30	80	16	52	130	100	31.5
	LGJ-500/45	30						31.5
SY-500/65A	LGJ-500/65	30.96	80	16	52	130	100	32.5
SY-630/45A	LGJ-630/45	33.6	100	20	60	150	100	35.5
SY-630/55A	LGJ-630/55	34.32						36
SY-800/75A	LGJ-800/55	38.4	125	22	65	170	125	40
	LGJ-800/70	38.58						40.5
SY-800/70-100A	LGJ-800/100	38.98	125	22	65	170	125	40.5