

Cable Connectors

Low Voltage Cable Lugs For Solid Sector Shaped Aluminium Conductors



Description

- > Low voltage compression lugs for Sector shaped SAC conductors

Application

- > BS 5467/6724 - 2, 3 & 4 core SAC (class 1 conductors)
- > Conductor shapes as defined in BS 3988
- > Suitable for voltages up to 3.3kV

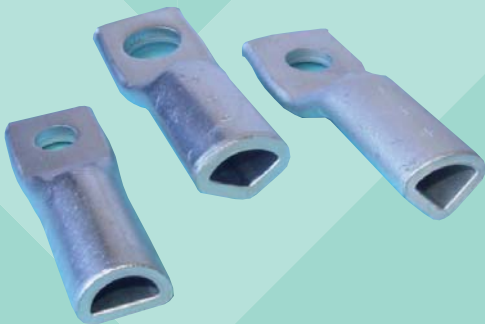
Features & Benefits

- > A range of connectors for two, three and four core SAC
- > Simple to install - no conductor re-shaping required
- > Each connector is supplied in its own sealed polythene bag to prevent oxidization
- > Compression Barrels marked to show the position of the indent crimps
- > Sector shaped extrusions producing Slim-line designs that will readily fit most switch-gear
- > Designed for use with shallow indent crimp dies
- > Each terminal includes a sight hole to allow visual inspection of the inserted conductor
- > Prysmian Inhibitor compounds Bicon X1 or Bicon X13 can be used to prevent bi-metallic corrosion when the lugs are connected to copper or brass terminations



Technical Data

- > Tested and approved to:
 - > BS EN 61238 (2003) Class A (including short circuit)
 - > BS 4579 part 1
 - > BS 7609 (2009) Code of practice for installation of un-insulated connectors

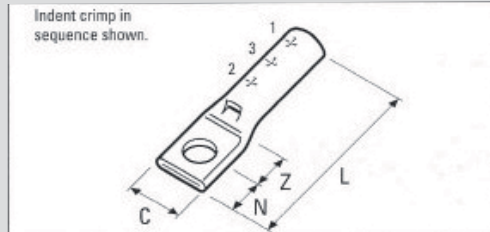


2, 3 & 4 Core Versions

Aluminium Connectors for LV Applications

Connector Details

Connectors for 2 core Sector SAC 16mm² - 95mm²



LV Aluminium Lugs for 2 Core SAC (class 1 conductors)								
Connector Size (mm ²)	Stud Size (mm)	Catalogue No.	Dimensions (mm)				Installation Tooling	
			L	C	N	Z	G10ts/E10HB Head 10 ton "U" dies	
							Nest	Indent
25	10	BA25A2-10	55	21	11	12	UN25A2	UP25A2
35	10	BA35A2-10	62	21	11	13	UN35A2	UP35A2
50	10	BA50A2-10	68	24	12	13	UN50A2	UP50A2
70	10	BA70A2-10	76	25	13	14	UN70A2	UP70A2
95	10	BA95A2-10	89	29	18	17	UN95A2	UP95A2

Connectors for 3 core Sector SAC 70mm² - 300mm²

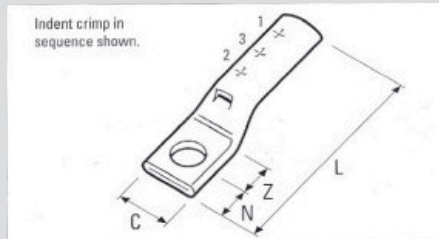


LV Aluminium Lugs for 3 Core SAC (class 1 conductors)								
Conductor Size (mm ²)	Stud Size (mm)	Catalogue No.	Dimensions (mm)				Installation Tooling	
			L	C	N	Z	G10ts/E10HB Head 10 ton "U" dies	
							Nest	Indent
70	10	BA70A3-10	76	25	13	14	UNA3-1	UP70A3
95	12	BA95A3-12	89	29	18	17	UNA3	UP95A3
120	12	BA120A3-12	90	31	18	17	UNA3	UP120A3
150	12	BA150A3-12	92	33	18	17	UNA3	UP150A3
185	12	BA185A3-12	103	37	18	21	UNA3	UP185A3
240	12	BA240A3-12	114	43	20	21	UNA3	UP240A3
300	12	BA300A3-12	117	48	20	21	UNA3	UP300A3

Aluminium Connectors for LV Applications

Connector Details

Connectors for 4 core Sector SAC 70mm² - 300mm²



LV Aluminium Lugs for 4 Core SAC (class 1 conductors)								
Conductor Size (mm ²)	Stud Size (mm)	Catalogue Number	Dimensions (mm)				Installation Tooling	
			L	C	N	Z	G10ts / E10HB 10 ton "U" dies	
							Nest	Indent
70	10	BA70A4-10	76	24	13	14	UNA4-1	UP70A4
95	12	BA95A4-12	89	30	18	17	UNA4	UP95A4
120	12	BA120A4-12	91	32	18	17	UNA4	UP120A4
150	12	BA150A4-12	92	33	18	17	UNA4	UP150A4
185	12	BA185A4-12	103	37	18	21	UNA4	UP185A4
240	12	BA240A4-12	114	43	20	21	UNA4	UP240A4
300	12	BA300A4-12	117	50	20	21	UNA4	UP300A4