



Air-cooled Jumpers

A wide range of air-cooled jumper connectors are available to ISO standards. These are based on six cross-sectional areas, and are available with various terminal configurations and in any length.

All air cooled jumper connections are shrouded in oil and water resistant neoprene duck tubing.

NB. Hose which is free from silicone can either be as shown or perforated.

TABLE – Dimensions (dimensions in millimetres)

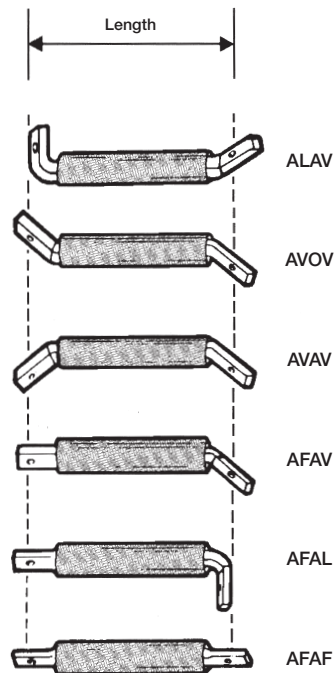
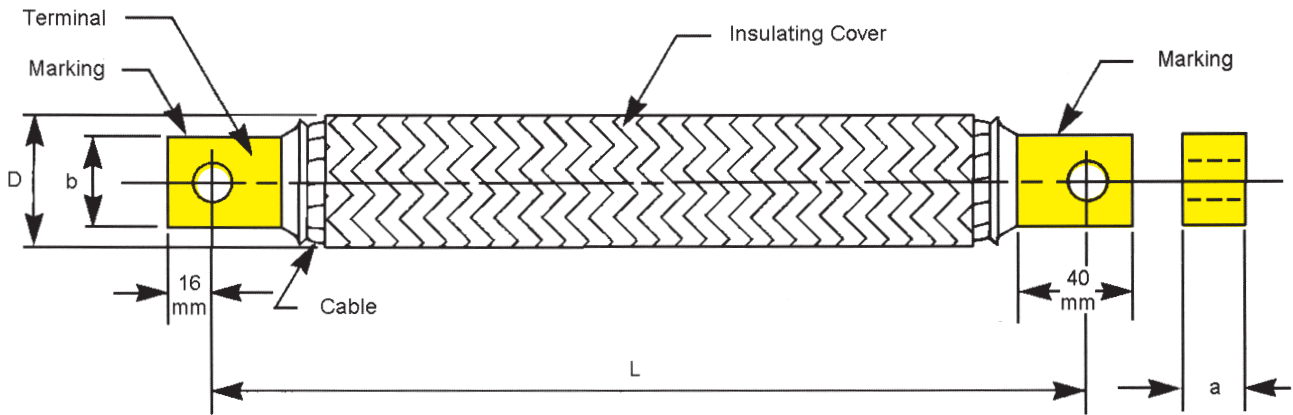
	Section, mm ²					
	250	315	400	500	630	800
a	13	15	18	21	24	32
b	32	32	32	32	38	38
D	38	40	45	50	55	65
L*	Permissible permanent current / _{2p} A**					
160	2800	3150	3550	4000	–	–
180	2650	3000	3350	3750	–	–
200	2500	2800	3150	3550	–	–
224	2360	2650	3000	3350	3750	–
250	2240	2500	2800	3150	3550	4000
280	2120	2360	2650	3000	3350	3750
315	2000	2240	2500	2800	3150	3550
355	1900	2120	2360	2650	3000	3350
400	1800	2000	2240	2500	2800	3150
450	1700	1900	2120	2360	2650	3000
500	1600	1800	2000	2240	2500	2800
560	–	–	1900	2120	2360	2650
630	–	–	1800	2000	2240	2500



* The dimensions of the secondary connecting cables shall be given in figure 1 and the table

** The permissible secondary current /X, at a given duty factor X may be calculated from $I_x = I_{2p} \sqrt{\frac{100}{X}}$

Figure 1 – Dimensional Layout



Our policy is one of continual research and development. We therefore reserve the right to amend without notice the specifications given in this document.