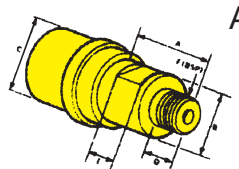
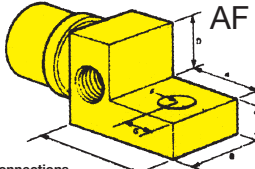
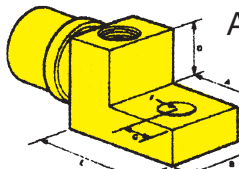
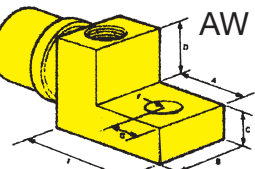
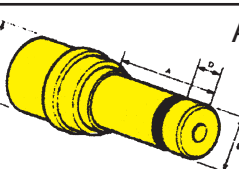
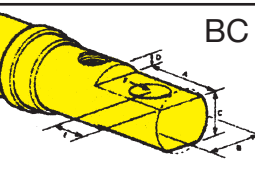
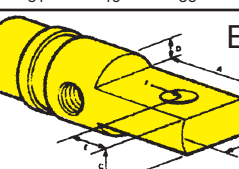
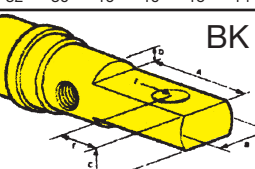


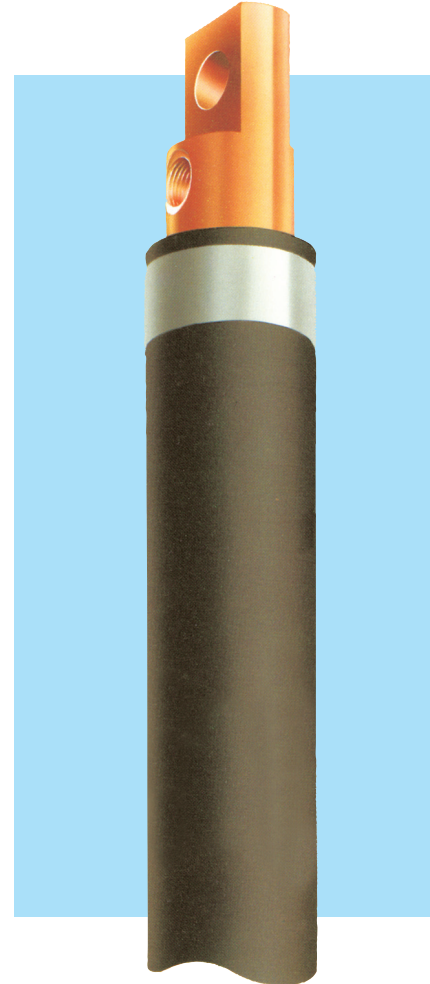


Water-cooled Jumpers

A wide range of water-cooled jumper connectors is available. The standard range is based on the cross-sectional areas of 150, 225 and 300mm²; other sizes are available to special order. Jumpers may be supplied in any length.

The following illustrations are only a few examples of the terminals available (all dimensions in mm, size in MCM):-

 <p>AA</p>		 <p>AF</p>																																																																	
<p>1 water connection</p> <table border="1"> <thead> <tr> <th>Size</th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> <th>E</th> <th>F</th> </tr> </thead> <tbody> <tr> <td>300</td> <td>32</td> <td>22</td> <td>26</td> <td>13</td> <td>13</td> <td>1/4"</td> </tr> <tr> <td>450</td> <td>32</td> <td>27</td> <td>31</td> <td>13</td> <td>13</td> <td>3/8"</td> </tr> <tr> <td>600</td> <td>32</td> <td>32</td> <td>36</td> <td>13</td> <td>13</td> <td>1/2"</td> </tr> </tbody> </table>		Size	A	B	C	D	E	F	300	32	22	26	13	13	1/4"	450	32	27	31	13	13	3/8"	600	32	32	36	13	13	1/2"	<p>2 water connections</p> <table border="1"> <thead> <tr> <th>Size</th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> <th>E</th> <th>F</th> <th>G</th> </tr> </thead> <tbody> <tr> <td>300</td> <td>32</td> <td>32</td> <td>13</td> <td>19</td> <td>51</td> <td>14</td> <td>13</td> </tr> <tr> <td>450</td> <td>32</td> <td>32</td> <td>13</td> <td>19</td> <td>51</td> <td>14</td> <td>13</td> </tr> <tr> <td>600</td> <td>32</td> <td>32</td> <td>19</td> <td>13</td> <td>51</td> <td>14</td> <td>13</td> </tr> </tbody> </table>		Size	A	B	C	D	E	F	G	300	32	32	13	19	51	14	13	450	32	32	13	19	51	14	13	600	32	32	19	13	51	14	13				
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WATER CONNECTIONS

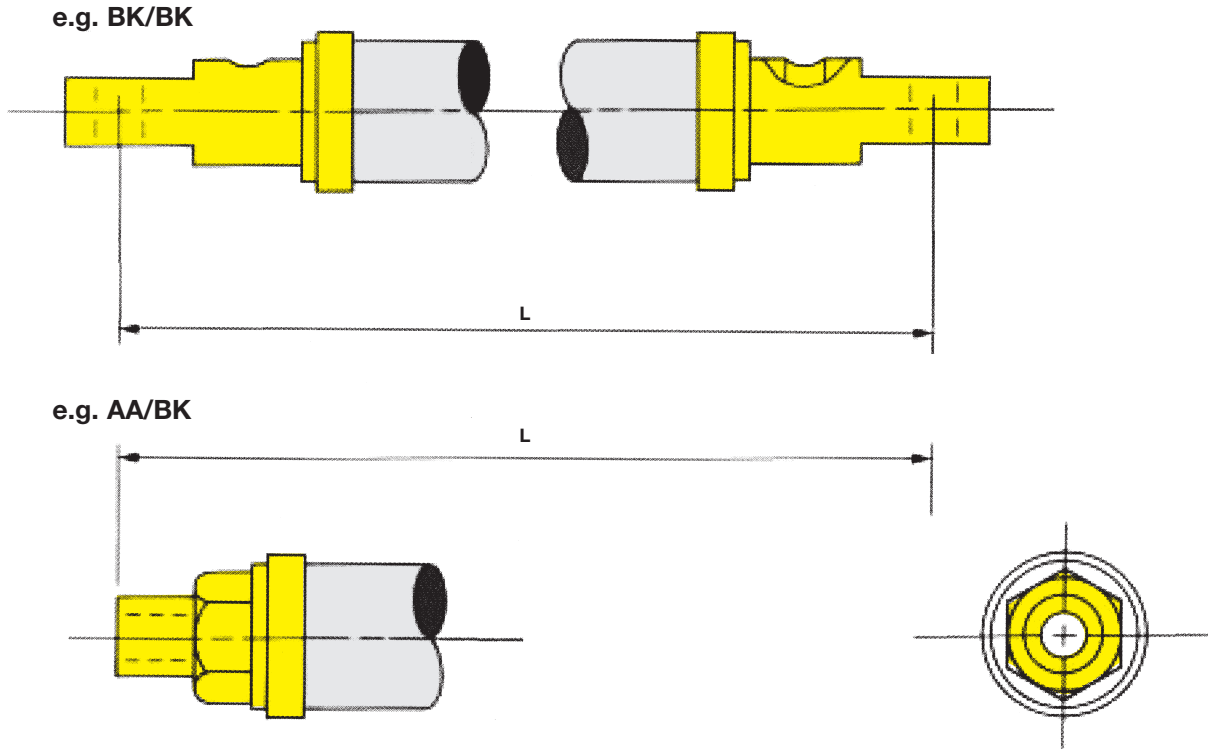
On terminals AA and AV the water-feed is through the central bore of the terminal.

In all other cases, the water feed is 1/4" BSPT.

An SS terminal is also available which has exactly the same dimensions as the BD terminal, but the water connection is on the top instead of the side.

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

Cable Selection



Permanent current (A)

Length (mm)	Cross-section (mm ²)			
	150	225	250	300
1000	10000	11200	12500	14000
1250	9000	10000	11200	12500
1600	8000	9000	10000	11200
1800	7500	8500	9500	10600
2000	7100	8000	9000	10000
2240	6700	7500	8500	9500
2500	6300	7100	8000	9000
2800	6000	6700	7600	8500
3150	5600	6300	7100	8000
3550	5300	6000	6700	7500
4000	5000	5600	6300	7100

NOTE: The figures have been calculated with a water flow of 4 l/min with an inlet temperature of 30°C and an outlet temperature of 70°C.

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