What is the difference of using CCA630 and CCA634 connectors?

On all Sepam series with a CCA634 module for 1/5 A CT connecting, it is possible to prepare the summation of 3 phase CTs or other toroidal CTs directly connected to the terminal No.7 (for 1 Ampere) or terminal No.8 (for 5 Ampere). Please check Fig.1 and Fig.2 in below.

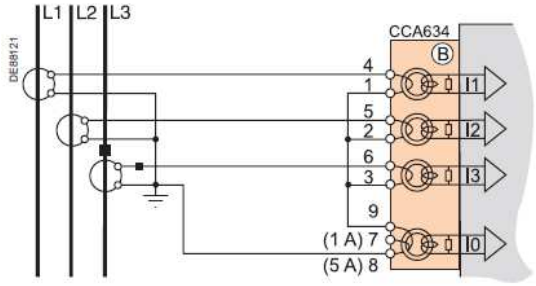

Fig.1

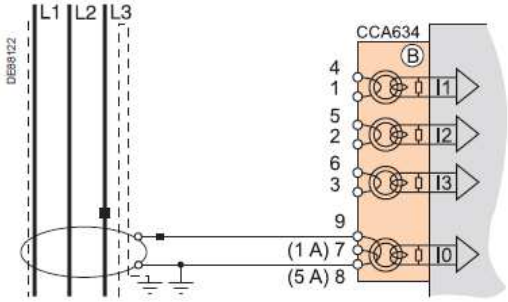

Fig.2

If CCA630 is used, for both type of earth fault sensing, either 3 phase CT summation or connecting toroidal CTs, it is mandatory to use CSH30 as an interposing CT as shown in the following drawings.

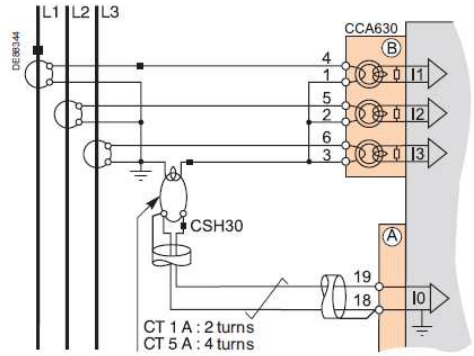

Fig.3 - Sepam series 20, 40

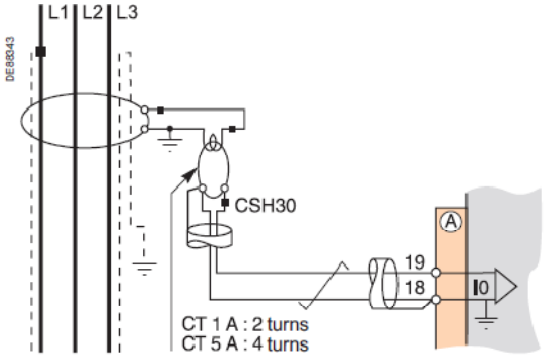

Fig.4 - Sepam series 20,40

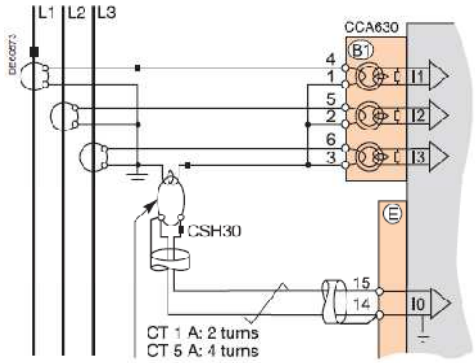

Fig.5 - Sepam series 60, 80

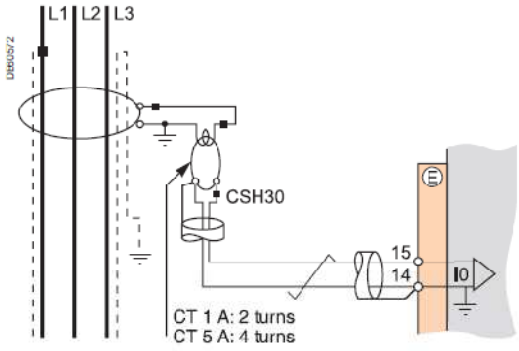

Fig.6 - Sepam series 60, 80

Use of CSH120 – CSH200:

Even if you have got CSH120 or CSH200 for Sepam series 20 and 40 it should be connected on terminal 18, 19 of Slot A. And for Sepam series 60 and 80 it should be connected on terminals 14, 15 of slot E for Io and/or on terminals 17, 18 of slot E for I'o as shown on figures 7 and 8.

Just want to grab your attention into the fact that we differentiate the of showing third party torodial like figures No. 1/2 and CSH120, CSH200 like figures No. 7/ 8.

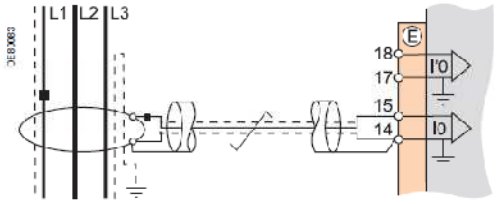

Fig.7 - Sepam series 60, 80

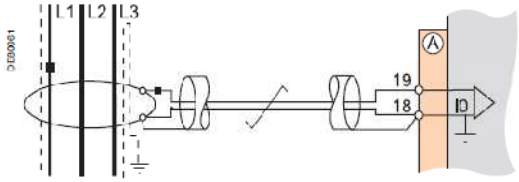

Fig.8 - Sepam series 20,40

To make it clearer it should be explained that it is not possible to connect CSH120 or CSH200 to CCA634. Moreover the use of CSH120 or CSH200 totally excludes the use of CCA634 on Sepam.

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