

ABSTRACT

ELECTRIC POWER CONVERSION DEVICE

In an electric power conversion device, to
5 structure one leg with two semiconductor switching
devices connected in series and reduce a wire
inductance between terminals of the one leg.

A plurality of semiconductor modules 111, 112, ---
with two semiconductor switching devices connected in
10 series are connected in parallel between DC terminals
P1, P2 - N1, N2, and a first conductor plate 51
connected to the first terminal P1 of the first
semiconductor module 111, a second conductor plate 52
connected to the first terminal P2 of the second
15 semiconductor module 112, and a third conductor plate
53 connected to the second terminals N1 and N2 of the
first and second semiconductor modules 111 and 112 are
laminated to form opposing portions, and connection
terminals 512 and/or 522 of a leading portion to be
20 connected to one of the DC terminals for electrically
connecting the first conductor plate 51 and the second
conductor plate 52 are arranged between two connection
terminals 533 and 534 which are a leading portion to be
connected to another one of the DC terminals from the
25 third conductor plate 53.

Fig. 1