



High voltage DC solid state relay



DC power SRR in just a small box (157 x 68 x 83 mm)

A new powerful DC SSR is born at Celduc Relais, the French expert in Solid State technologies and magnetic sensors. The new IGBT based SDI0501700 SSR can switch 50 A at 750 VDC nominal in a fast, reliable and safe way. In every situation, safety operation is preserved thanks to built-in over-voltage protection for inductive DC supply lines (max L/R = 20ms). With built-in load short circuit protection by detection of IGBT saturation, short circuits on the load will block the unit, keeping it safe. Finally thanks to built-in overload temperature protection, whenever over-heating should occur, the unit will automatically be switched off. The SDI SSR is definitely designed for the most demanding DC power switching applications in rolling stock or infrastructure.

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