

## Series HE / HER Electronic load relay

### Electronic load relay SSR 25 A



The HER 25 load relay is a ready to install electronic power controller unit for electrical heating. It should be used for continuous operation with a high actuation frequency. By comparison to the electromechanical relay or contactor, no wear to the actuation contacts is possible.

HER 25 is prepared for DIN rail use (TS 35), completely fitted with heat sink as well as over-voltage protection.

<b>Load voltage:</b>	24 - 230 V AC
<b>Load current:</b>	0.2 - 25 A AC 1
<b>Protection class:</b>	II
<b>Protection grade:</b>	IP 20 (EN 60529)
<b>Terminal cross section:</b>	10 mm <sup>2</sup>
<b>Ambient temperature:</b>	max. 40°C 25 A, max. 60°C 20 A
<b>Housing dimensions:</b>	120 x 45 x 1100 mm (H x W x D)

	Control voltage
<b>HER 25 D</b>	5 – 24 V DC
<b>HER 25 A</b>	24 – 230 V AC

### Solid state relay - set SSR 20 A

This electronic relay can be installed anywhere in a housing in a space-saving manner.

For high load currents, fitment in a metal housing is recommended, so as to ensure adequate cooling.



<b>Load voltage:</b>	24 to 280 V AC 1 (600 V peak)
<b>Load current:</b>	0.2 to 25 A AC 1 (max. load)
<b>Protection class:</b>	I
<b>Protection grade:</b>	IP 20 (EN 60529)
<b>Heat loss:</b>	For a switch capacity exceeding 5 A, steps must be taken to ensure adequate cooling.
<b>Housing dimensions:</b>	45 x 57 x 23 mm (H x W x D)
<b>Note:</b>	Even when not energized, solid state relays allow residual current to flow. For this reason, fit a mains switch or contactor upstream.

	Control voltage
<b>HED</b>	3 – 32 V DC
<b>HEA</b>	90 – 280 V AC