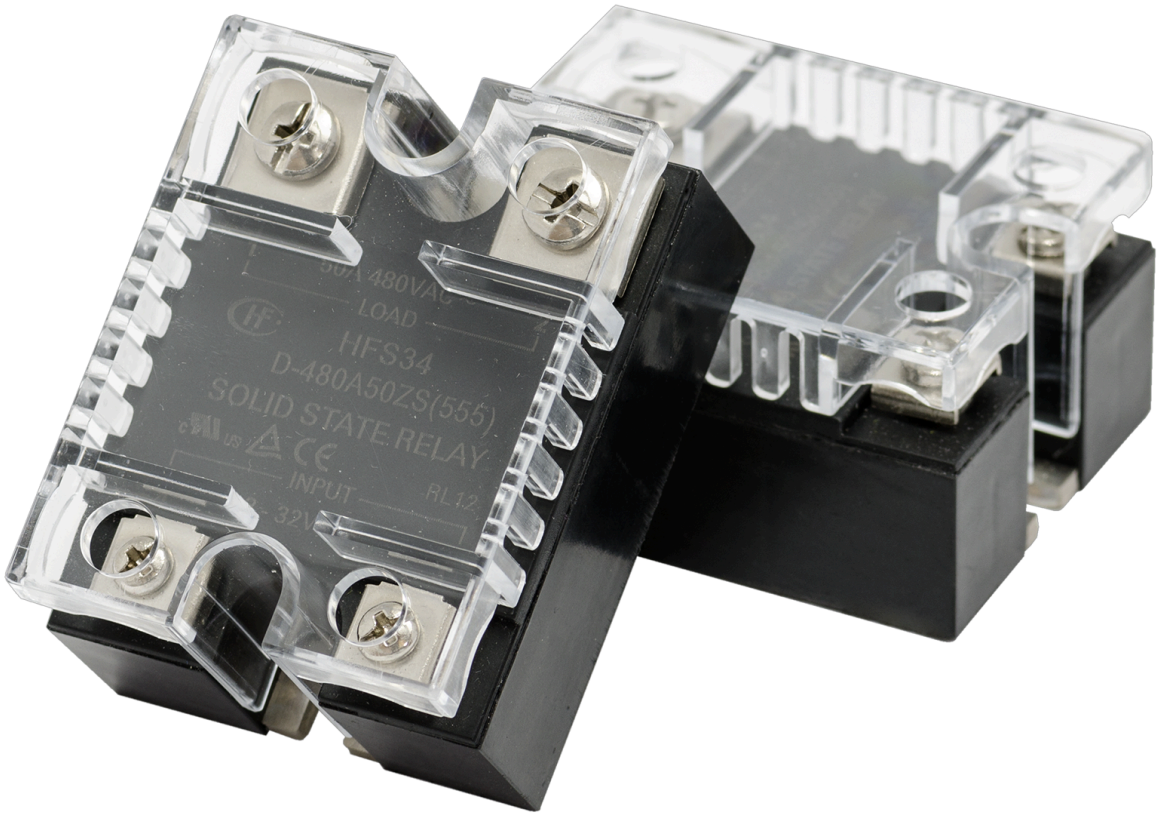
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DATA SHEET

PR 50/440

Produal

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SOLID STATE RELAY PR 50/440

The solid state relay PR 50/440 is designed for applications with continuous on/off switching. The load side and control side are galvanically isolated from each other. The relay utilizes zero voltage switching mode, which reduces electrical noise and high peaks of current.

The solid state relay PR 50/440 can be used with the electric power regulator STS 4. The relay can also be equipped with PRMK signal converter to enable 24 Vac control signal. The finger protector is included in the delivery.

IMPORTANT: The device must be installed inside a suitable housing that cannot be opened without using tools.

IMPORTANT: The controlled 230 Vac supply side must be protected by fast speed fuse.

NOTE: Basic insulated base plate: relay must be protected against accidental contact or grounded. Bottom plate temperature should be under 70 °C



Technical data

Supply	230…400 Vac
Maximum load	25 A res.
Control signal	3…32 Vdc
Housing	IP 20
Assembly	Please use proper heat sink when installing solid state relay.
Dimensions (w x h x d)	45 x 58 x 32 mm

Wiring

1 Supply
2 Load
3 Control signal +
4 Control signal -

Ordering guide:

Model	Product number	Description
PR 50/440	1140030	solid state relay 230...400 Vac, < 25 A, control signal 8…32 Vdc
PRMK	1140070	solid state relay control signal converter

Products fulfil the requirements of directives 2006/95/EC and 2004/108/EC and are in accordance with the standards EN60730-1, EN61000-6-3 (Emission) and EN61000-6-2 (Immunity).

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