

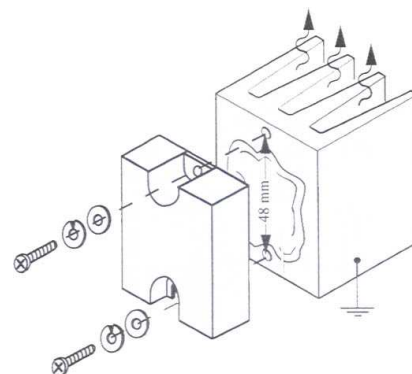
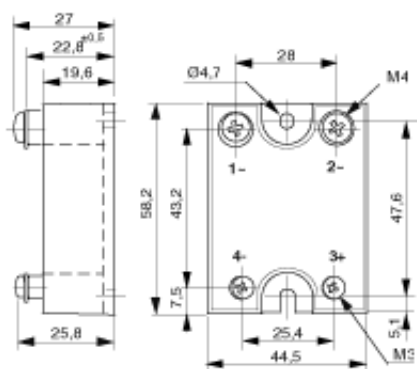
Solid state relay flat standard type



Solid state relay

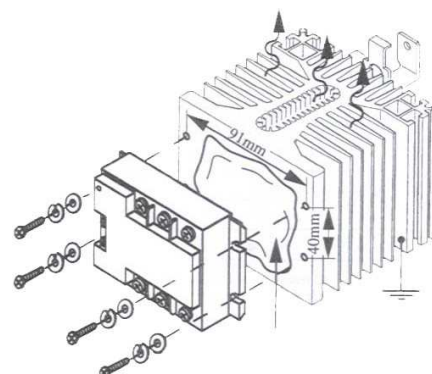
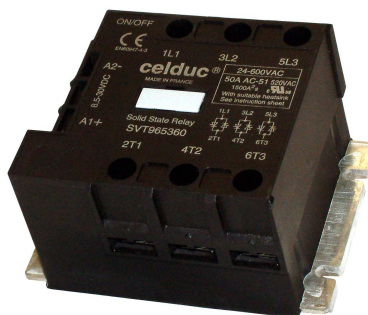
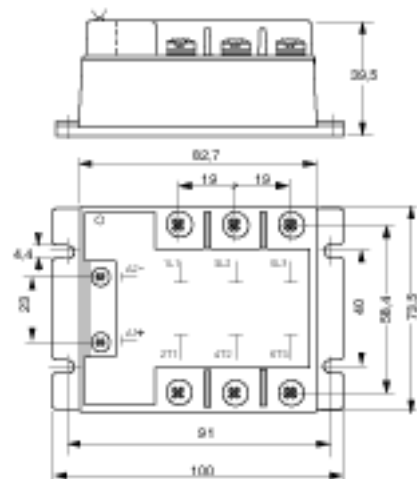
- Driven by temperature controller with SSR-output
- Optimized for control of Ohm resistive loads for heating
- Mounting on heat sink of sufficient size required !
- Including cover (depending on model)

Design 1 phase



Type	Art.-Nr.	Nom. current	Voltage	I ² t	U _{peak}	Input
HR 142	12125	1x 25A	12 – 280V AC	288A ² s	600Vp	5 – 30V DC
HR 162	12126	1x 25A	24 – 440V AC	288A ² s	800Vp	6 – 30V DC
HR 165	12128	1x 50A	24 – 600V AC	1500A ² s	1200Vp	6 – 30V DC
HR 167	12130	1x 75A	24 – 600V AC	5000A ² s	1200Vp	6 – 30V DC

Design 3 phase



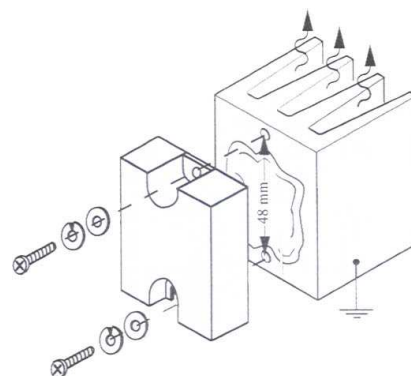
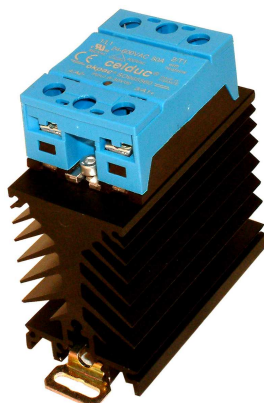
Type	Art.-Nr.	Nom. current	Voltage	I ² t	U _{peak}	Input
HR 362	12141	3x 25A	24 – 600V AC	265A ² s	1200Vp	9 – 30V DC
HR 365	12142	3x 50A	24 – 600V AC	1500A ² s	1200Vp	9 – 30V DC
HR 367	12143	3x 75A	24 – 600V AC	5000A ² s	1200Vp	9 – 30V DC

Solid state relay

- Driven by temperature controller with SSR-output
- Complete unit assembled on heatsink (@45°C) and clamp for rail mounting
- For replacement of mechanical relays
- Including cover (depending on model)

Design 1 phase

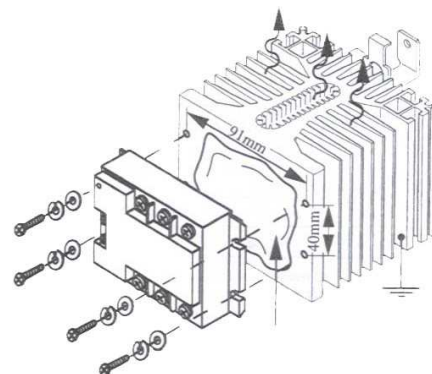
Dimensions (w/o cover
and rail clamp):
45 x 93 x 80mm (W x H x D)



Type	Art.-Nr.	Current	Voltage	I ² t	U _{peak}	Input
HRK 162	12186	1x 16A	24 – 440V AC	288A ² s	800Vp	6 – 30V DC
HRK 165	12188	1x 25A	24 – 600V AC	1500A ² s	1200Vp	6 – 30V DC
HRK 167	12190	1x 32A	24 – 600V AC	5000A ² s	1200Vp	6 – 30V DC

Design 3 phase

Dimensions (w/o rail clamp):
112 x 124 x 100mm
(W x H x D)



Type	Art.-Nr.	Current	Voltage	I ² t	U _{peak}	Input
HRK 362	12191	3x 16A	24 – 600V AC	265A ² s	1200Vp	9 – 30V DC
HRK 365	12192	3x 25A	24 – 600V AC	1500A ² s	1200Vp	9 – 30V DC
HRK 367	12193	3x 32A	24 – 600V AC	5000A ² s	1200Vp	9 – 30V DC