

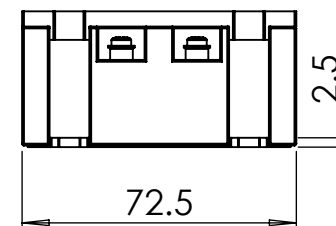
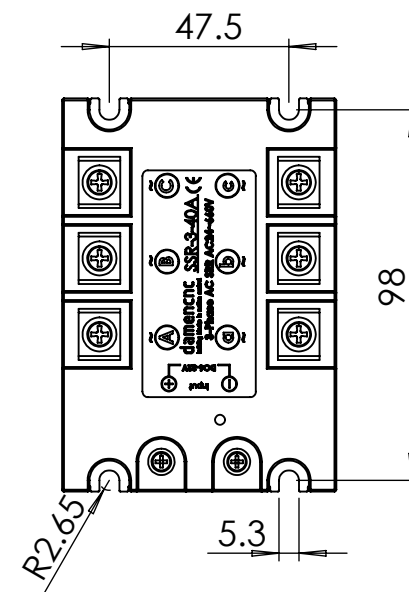
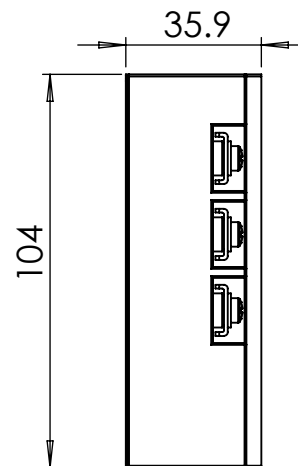
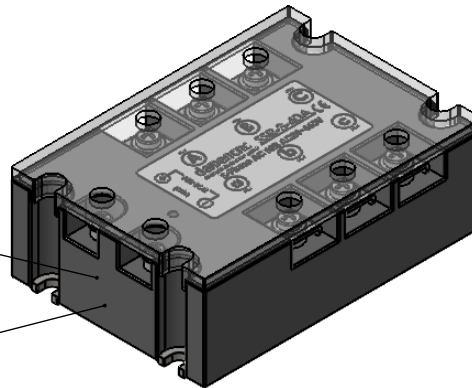
**CAUTION:** when testing SSR: in normal condition, AC SSR ha a leak current about 0.5~2mA, therefore, when SSR input terminals without control voltage , to measure output terminals by voltage meter, meter still displays a voltage.  
Correct testing method is to connect a lamp (minimal) 15W, and then connect the voltage meter to the lamp.

**Warning:** Loads like incandescent lamps and electric cookers can cause 10 times surge current for 1 cycle.  
To select the correct SSR, the rated current should be equal to 1.8 times the rated current of electric cooker.  
1.5 times of rated current for incandescent lamps.

**Warning:** AC electric magnet and relays may cause 4~5 times surge current. AC induction motors will cause 5~7 surge current when turning ON, and it lasts for about 10 cycles. For a normal SSR to control an induction AC motor, SSR current range should be at least 7-10 times the rated motor current.

The Solid State Relay 40A is suitable to mount on the  
DIN Rail mountable Heatsink (5867)

**Warning:** 40A rating only possible with  
use of a heatsink  
Max load 10A without heatsink



Unless otherwise specified: 1. Tolerances ± 0.2mm	Units:  mm	Drawn By:  Cas Jansen	Date:  17/05/2022	www.damencnc.com	
	Max. Voltage:  24V-660 AC	Checked By:	Date:		
	Max. Amperage:  40A	Sheet:  1 of 1	Part name:  Solid State Relay with LED Three Phase SSR-40A		
Size  A4	Max. control Voltage:  32V DC	Scale:  1:2	Part number:  5866		Rev.  A