

Interface Technology · Solid State Relay

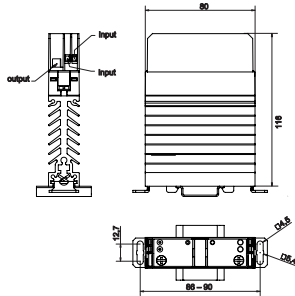
DC Solid State Relay, 2 wire

Switching element AC 6600 V; 25 A; Zero crossing switch

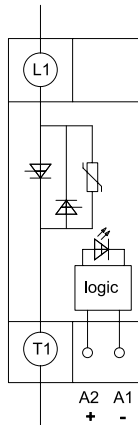
Screw terminal



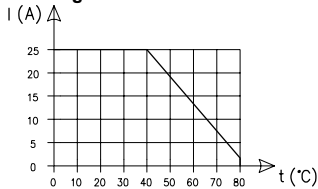
Dimensions



PIN assignment



Derating



Description	Part-No.	Type	PU
Screw terminal			
Rated voltage	DC 24 V / 25 A	716080	OT-6080 DC 24 V
Input			
DC 24 V / 25 A			
Input voltage range	4.0 – 32.0 V		
Rated current	10.0 mA		
Interrupting voltage	2 V		
Protection device	–		
Status indication	LED green		
Rated frequency	–		
Output			
Switching element	Thyristor, N/O contact		
Min. switching voltage	AC 48 V		
Max. switching voltage	AC 660 V		
Min. switching current	AC 100 mA		
Max. switching current	AC 25 A (Derating)		
Inrush current	AC 250 A (10 ms)		
Leakage current	<1 mA		
Switch-on delay	10 ms		
Switch-off delay	10 ms		
Switching frequency	<10 Hz		
Clearance/creep. dist. (contol/load side)	–		
Protection device output	Varistor		
General			
Housing material	Plastic, flame resistant according to UL-94-V0		
IP rating	IP 20		
Field installation	rail TS 35 (EN 50022)		
Insulation voltage input/output	4 kVeff		
Safe isolation	yes		
Operation temperature range	-25 °C – 70 °C		
Storage temperature range	-40 °C – 80 °C		
Dimensions (w × h × d)	22.5 × 116.0 × 80.0 mm		
Weight (kg/piece)	0.260		
Approvals	–		
Termination	Screw terminal: 0.25–4.0 mm ²		