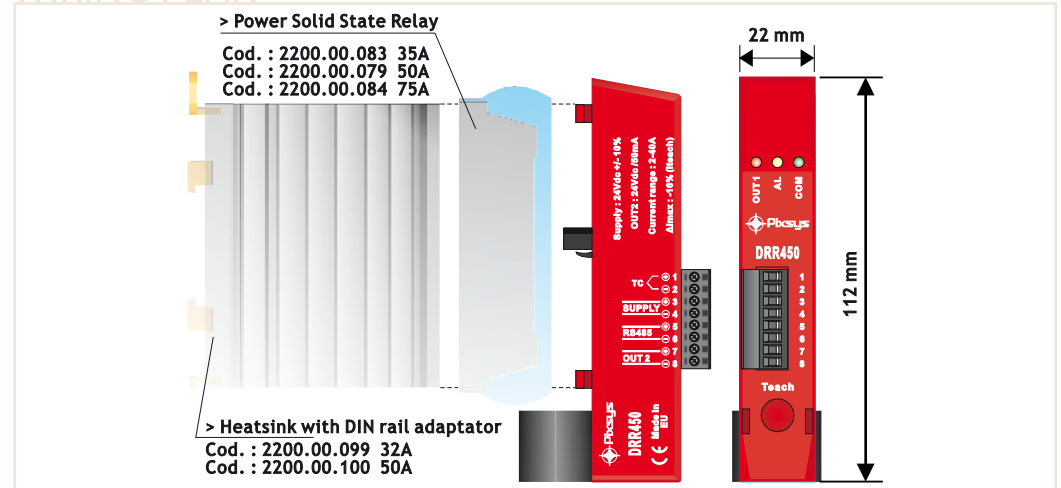


WIRING PLAN



DRR450

Temperature controller integrated into SSR unit + current transformer

Main features

Box	Module 22,5mm series Celduc ESUC DIN-rail mounting EN50022
Power supply	24 Vdc ±10% (galvanically isolated) from RS485 and input (no OUT 2)
Consumption	1 W
Operating conditions	Temperature 0-45 °C, humidity 35..95 RH%
Material	Box: Polycarbonate V0
Weight	Approx. 75 g
Sealing	IP20 (Box and Terminal blocks)
Quick set-up options	Software LABSOFTVIEW
Wiring	Terminal extension on wiring system, Plug-in SSR module

Inputs

1 configurable	Selection TC, K, J, T, E
1 T.A. / Current transformer	Integrated Current Transformer with 55A FS - resolution 0,1A

Outputs

1 SSR integrated	5Volt - 20mA
1 SSR auxiliary	24 Vdc - 50 mA max
Serial communication	RS485 Modbus RTU - Slave (9600..115200 Baud)

Software features

Control algorithms	ON - OFF with hysteresis, P., P.I., P.I.D., P.D. time proportioned
Tuning	Manual or automatic
Alarm mode	Absolute / Threshold, band, High / Low deviation. Loop Break Alarm function
Auto/Man function	Output percentage command also with automatic change in case of sensor failure
Double P.I.D.	Heating / Cooling P.I.D.

Ordering codes

DRR450-12AD	1 Analogue input + 1 SSR Out. integrated + 1 SSR Out auxiliary + RS485 + TA / Current Transformer
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Ordering codes series SSR series SU / SUL (terminal block for DRR450)

2200.00.085	SSR 30A / 24-400Vac / Ctrl 3,5-32Vdc led and heatsink
2200.00.083	SSR 35A / 24-600Vac / Ctrl 3,5-32Vdc
2200.00.079	SSR 50A / 24-600Vac / Ctrl 3,5-32Vdc
2200.00.084	SSR 75A / 24-600Vac / Ctrl 3,5-32Vdc
2200.00.100	Heatsink for 32A with DIN adapter
2200.00.099	Heatsink for 50A with DIN adapter