



POWER SYM PRO

TCS-201

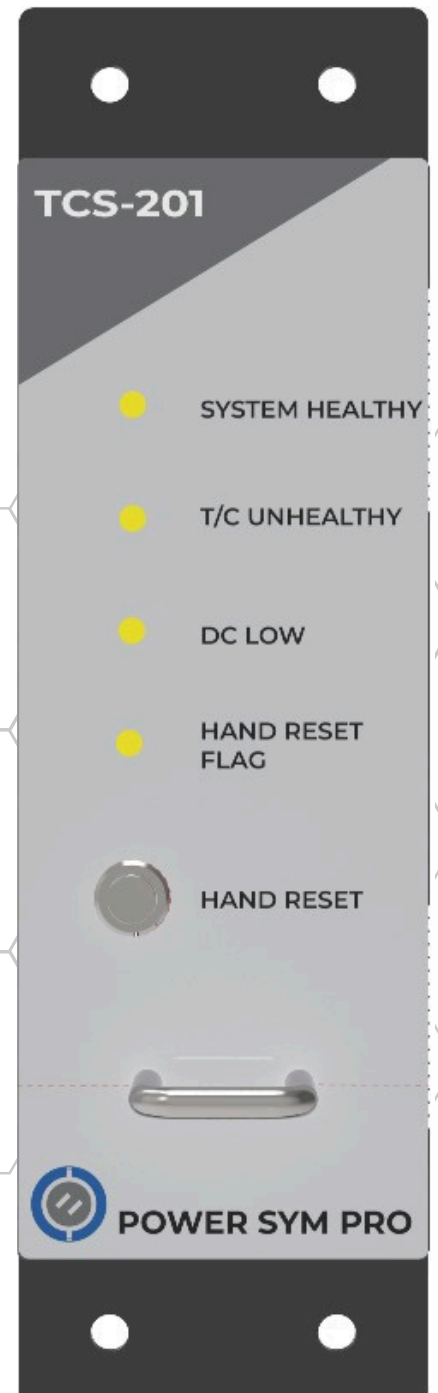
TRIP CIRCUIT & DC SUPERVISION RELAY

MORE INFO

www.powersympro.com

CONTACT US

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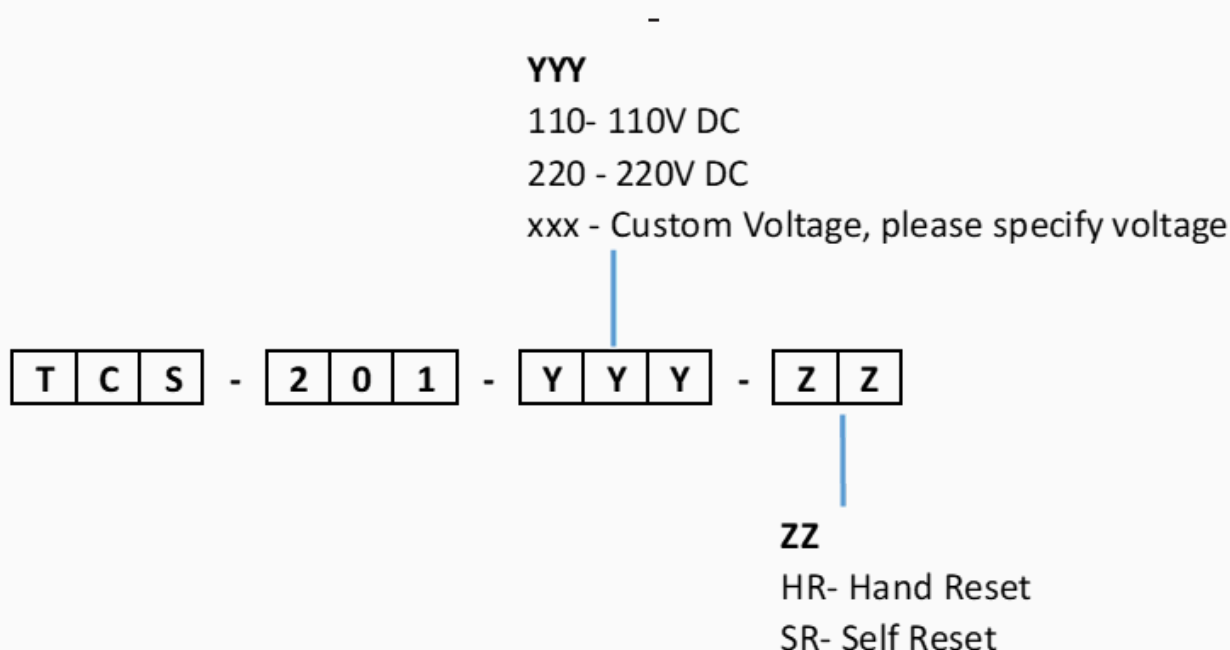
TCS-201

Trip Circuit & DC Supervision Relay

TCS is an electro-mechanical relay for supervision and monitoring of a trip circuit, during both open and closed CB position, as well as for preclosing supervision. It can also function as DC Supervision of rated voltage—either in combination with trip circuit supervision or as a standalone unit. It is flush mounted on panel.

Different variants are available to suite auxiliary power supply of either 110Vdc or 220Vdc. However more options of auxiliary supplies are available on request. The relay presents four (04) contact positions that are configured as two (02) Normally Open and two (02) Normally Closed. It includes a hand-reset flag (LED) and a hand-reset push button. Built with a highly reliable and robust design, it operates without microprocessor technology, ensuring durability and simplicity.

Ordering Code





WHY CHOOSE TCS-201?

- ✓ Flush Mounting.
- ✓ Trip Circuit as well as DC Supervision.
- ✓ Different variants are available to suite auxiliary power supply of either 110Vdc or 220Vdc.
- ✓ Alarm is generated in case of low voltage level of auxiliary power supply, indicated by an LED and a signaling contact to the Annunciator/SCADA.
- ✓ LEDs on front panel give status of system health and low voltage of auxiliary power supply.
- ✓ Complies to rules and requirements applicable to measuring relays and protection equipment, including any combination of devices to form schemes for power system protection —such as control, monitoring, and process interface equipment—in order to obtain uniformity of requirements and tests as per IEC60255.



SPECIFICATIONS

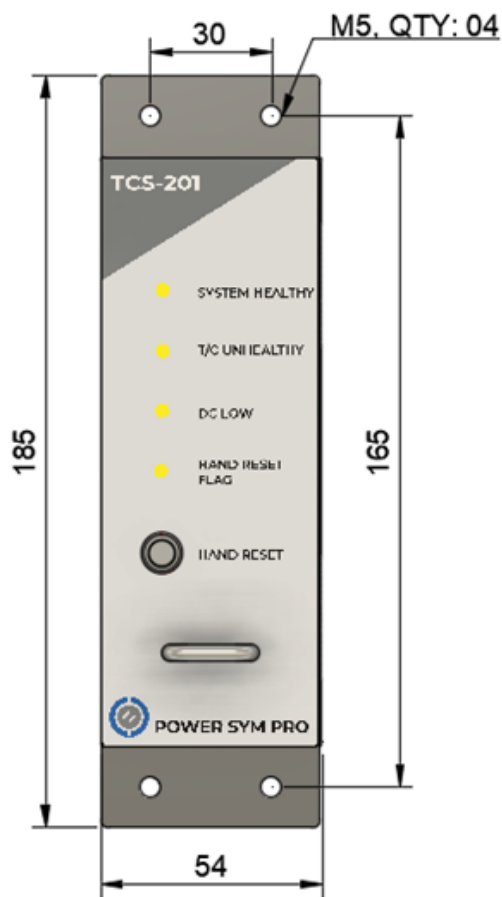
GENERAL:

Attributes	Values
Mounting	Flush Mountable, Draw-out Type
Rated Voltage (Vn) Options	110Vdc, 220Vdc or custom
Operating Voltage Range	60% to 120% of Vn
Front Panel	<ul style="list-style-type: none">• Non Latched LEDs: System Healthy, DC Low, T/C Unhealthy• Latched LED: Hand Reset Flag• Hand Reset Button
DC Pick Up Voltage	85% \pm 2% of Vn
DC Reset Voltage	85% \pm 2% of Vn
Typical Pick-up or Reset Time (ms)	50ms
DC Drop Off Voltage	80% \pm 2% of Vn
Time Delay in case of Alarm	> 200ms
Power Consumption	5W

Please refer to user manual for detailed information about type testing specifications



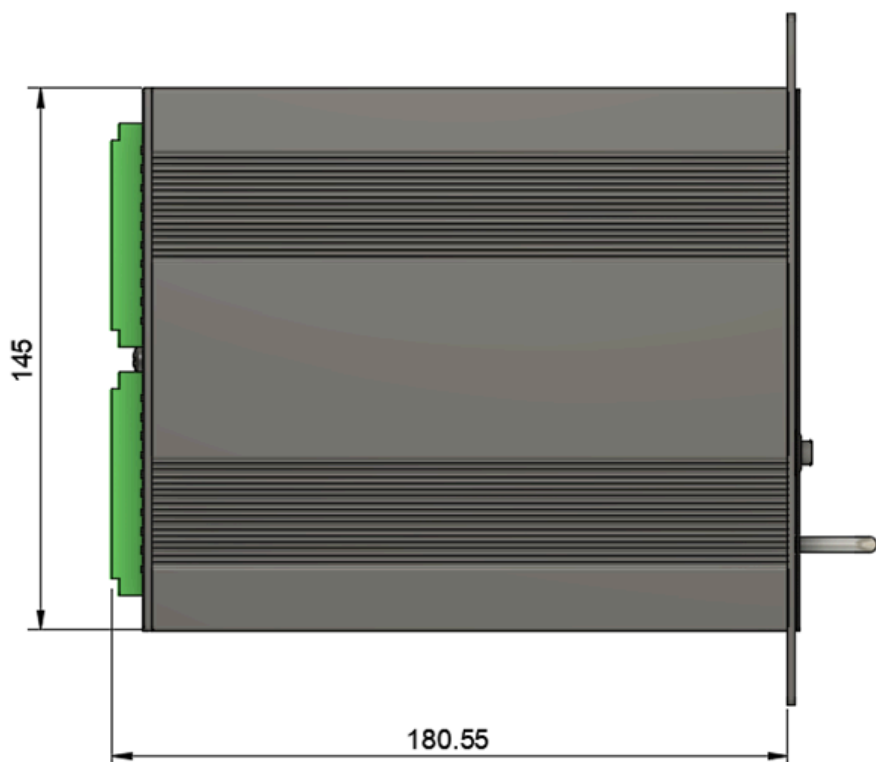
DIMENSIONS



FRONT VIEW



BACK VIEW



SIDE VIEW



POWER SYM PRO

ABOUT PSP

POWER SYM PRO is your partner in power system protection, control and automation.

We bring robust and reliable solutions as per utilities/industries needs. We listen to our customers' needs and implement them into our solutions.

CONTACT INFO



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