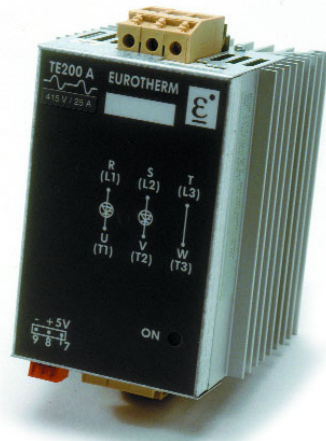


TE200S Three Phase Two Leg DIN Rail Mounted Solid State Contactor



The TE200S is a Solid State Contactor designed for general purpose three phase applications using three wire resistive loads. Two of the three phases are switched by the TE200S, the third being directly connected. It is an ideal replacement for a mechanical or mercury contactor, accepting DC or AC logic input signals and giving two leg ON/OFF power switching. The TE200S is robust, compact, convenient and reliable, ideal for OEM's and users in volume applications such as plastics, heat treatment, environmental chambers and foods.

Ordering codes

TE200S	1	2	3	4	5	6
	7	8	00			

1	Current
Rating	
16A	16 amps
25A	25 amps
50A	50 amps
63A	63 amps*

* Fan cooled (13VA)

2	Line to Line Voltage
240V	240 volts
480V	480 volts
500V	500 volts

3	Fan Supply
000	NONE (below 63A)
115V	115 volts
230V	230 volts

4	Input Logic
LGC	DC
LAC	AC 24-48V
HAC	AC 100-230V

5	Mounting
BKD	Bulkhead
DIN	DIN rail

6	Language
ENG	English
FRA	French
GER	German
ITA	Italian

External fuses and holders may be ordered separately, see pages 3-47 to 3-49.

7	Fuse
FUSE	2 fuses + holders
MSFUSE	2 Microswitch fuses + holder
NOFUSE	No fuses or holders

Spare fuses - see page 3-47.

8	Label
-	Eurotherm
99/AX144	Barber-Colman

Features

- 16-63 amps, 120-500V
- 3 ϕ resistive loads (2 legs)
- LED status indicator
- DC or AC logic input

Specifications

Dimensions:

16-50A:	189H x 116W x 131D mm, 2.3kg
63A:	195H x 116W x 131D mm, 2.9kg

Load type:

Resistive three wire, three phase load (two phase switched)

Operating temperature:

0 to 45°C, 5 to 95% RH, non-condensing

Mounting:

Symmetrical DIN rail or bulkhead

Cooling:

Natural convection for 16-50A units, fan cooling for 63A units

Fuses:

External

Inputs:

DC Logic: ON \geq 5V, 32V max. and $>$ 5mA, 10mA self limiting, OFF \leq 2V or $<$ 0.5mA

AC Logic (LAC): ON \geq 20V, 53V max. input impedance 2.2k Ω , OFF \leq 5V

AC Logic (HAC): ON \geq 85V, 253V max., input impedance 9.6k Ω , OFF \leq 10V

Firing mode:

Logic ON/OFF, zero cross firing with LED indication