

# Three-Phase Rheostat 586786 (8731-00)

**FESTO**

LabVolt Series

Datasheet



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## General Description

The Three-Phase Rheostat module consists of three rheostats mounted on a common shaft directly controlled by a single knob on the module faceplate. The rheostats are electrically interconnected in a four-wire wye configuration and each leg is protected from over-current conditions by a thermal-magnetic circuit breaker.

The module is mainly used for speed control of a Three-Phase Wound-Rotor Induction Motor, Model 8505. A limit switch is actuated when the knob of the rheostat is turned fully clockwise, corresponding to maximum resistance. This switch can then be used as an interlock with the Three-Phase Full-Voltage Starter, Model 8521, to make sure that the motor starts with a rotor resistance which provides maximum starting torque. This module can also be used for other applications where a variable power resistor is needed.

## Specifications

Parameter	Value
<b>Rating</b>	
Resistance (line-neutral)	16 $\Omega$
Total Power	192 W
Maximum Current (per phase)	2 A
<b>Physical Characteristics</b>	
Dimensions (H x W x D)	154 x 287 x 440 mm (6.1 x 11.3 x 17.3 in)
Net Weight	4.9 kg (10.8 lb)
Shipping Weight	6.5 kg (14.3 lb)

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