

DOL 31

Advanced Single-Phase Triac Speed Controller for Fans

SMOOTH OPERATION AND VERSATILE FUNCTIONS

KEY FEATURES:

- Smooth speed adjustment from 10% to 100%
- Standalone operation without a complete climate controller
- Integrated alarm relay (max. 24 V, 1A) and control relay (max. 230 V, 12 A)
- Available in 6.8 A and 16 A versions
 - 6.8 A version: Maximum motor load of 1500 VA at 230 V
 - 16 A version: Maximum motor load of 3600 VA at 230 V
- The standard package includes:
 - One DOL 12 temperature sensor
 - Three plastic glands M25
 - Three plastic nuts M25

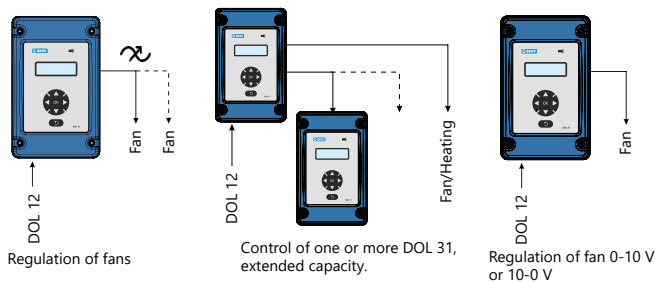
VERSATILE OPERATING MODES:

1. Automatic Master Mode: Output controlled based on ambient temperature using the included DOL 12 sensor
 2. Automatic Slave Mode: Output is controlled by a 0-10 V input signal
 3. Manual Control Mode: Output adjusted manually via the front panel keyboard
- The DOL 31 features two integrated relays:
 - Alarm Relay: Operates at up to 24 V, 1A
 - Control Relay: Handles up to 230 V, 12 A
 - The control relay offers versatile functionality, including automatically switching auxiliary equipment like heating or cooling systems on and off. This dual-relay design enhances the DOL 31's capability to both monitor conditions and manage connected devices efficiently.



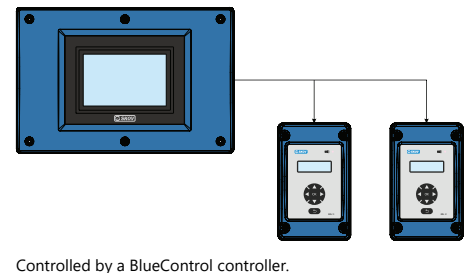
DOL 31 Automatic - Master mode

Temperature-controlled by means of a DOL 12 temperature sensor.

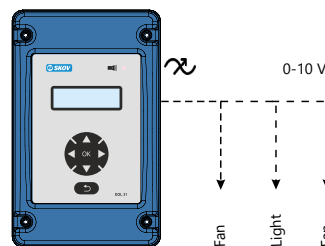


DOL 31 Automatic - Slave mode

Controlled by a 0-10V input signal.



DOL 31 Manual control



For more information
skov-secco.com

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OPERATIONAL MODES AND THEIR FEATURES

Function	Automatic master mode	Automatic slave mode	Manual mode
DOL 12	●		
0-10 V input signal		●	
0-10 V or 10-0 V analog output signal	●	●	●
Temperature alarm	●		
Control temperature	●		
Control relay	●		
P band	●		
Invert	●	●	
Safety mode		●	
Turn off limit		●	
Minimum AC output	●	●	●
Maximum AC output	●	●	
Alarm relay	●	●	●



For more information

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