

Connected load 19 / 30 kVA
Runs directly off 400V mains with
mains choke

Analog setpoint (resolution 1 mV)
with Incremental or synchronous-
serial position output with
variable resolution

4 CONNECT variants with
integrated position control

external ballast resistor

Motor brake control

Optional

3-key operation and
alphanumeric LC display

Short description

The units of the digifas™ 7133 and digifas™ 7150 series are fully digital, high-performance servo amplifiers for controlling our 6SM100 or 6SM109 series of brushless synchronous servo motors with integrated resolvers.

The control leads can be plugged in at the front. The motor and mains connections are by screw terminals on the base of the unit.

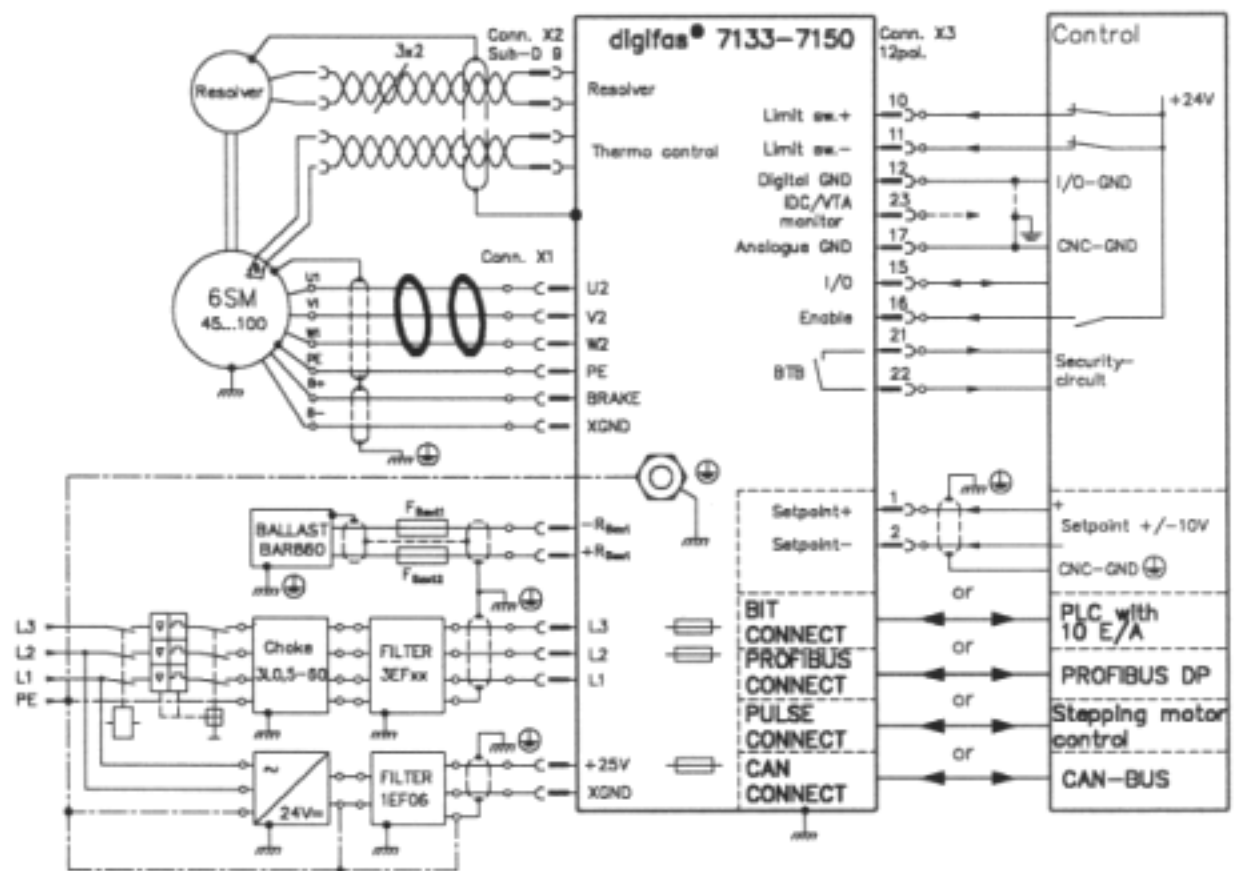
An external ballast resistor (max. load connected: 4 kW) absorbs the braking energy of the attached motor.

The DC intermediate circuit is bus-compatible, i.e. power can be distributed to several devices.

Seidel user software makes the amplifier easy to operate and parameterize. The optional 3-key operation and LC display with alphanumeric text output permit direct operation of the amplifier.

Specifications

Rated characteristics	DIM	digifas™ current variants	
		7133	7150
Rated connected voltage	V~	3 x 80-400 / 50...60Hz +max. 10%	
Rated connected load for S1 operation	kVA	19	30
Rated intermediate circuit DC voltage	V=	560	
Rated output current (rms) (± 3%)	A _{rms}	33	50
Peak output current (max. 5 s) (± 3%)	A _{rms}	66	100



Interface variants

Analog setpoint interface

digifas™ 7133 ... digifas™ 7150 ROD / SSI position output

BIT CONNECT

digifas™ 7133-SPS ... digifas™ 7150-SPS with integrated position control

PULSE CONNECT

digifas™ 7133-STEP ... digifas™ 7150-STEP with integrated secondary position control

PROFIBUS CONNECT

digifas™ 7133-L2/DP ... digifas™ 7150-L2/DP with integrated position control

CAN CONNECT

digifas™ 7133-CAN ... digifas™ 7150-CAN with integrated position control

Options

-DISP- 3-key operation and LC display with alphanumeric text output for units with analog setpoint interface