Essentials Regen Resistors

KOLLMORGEN

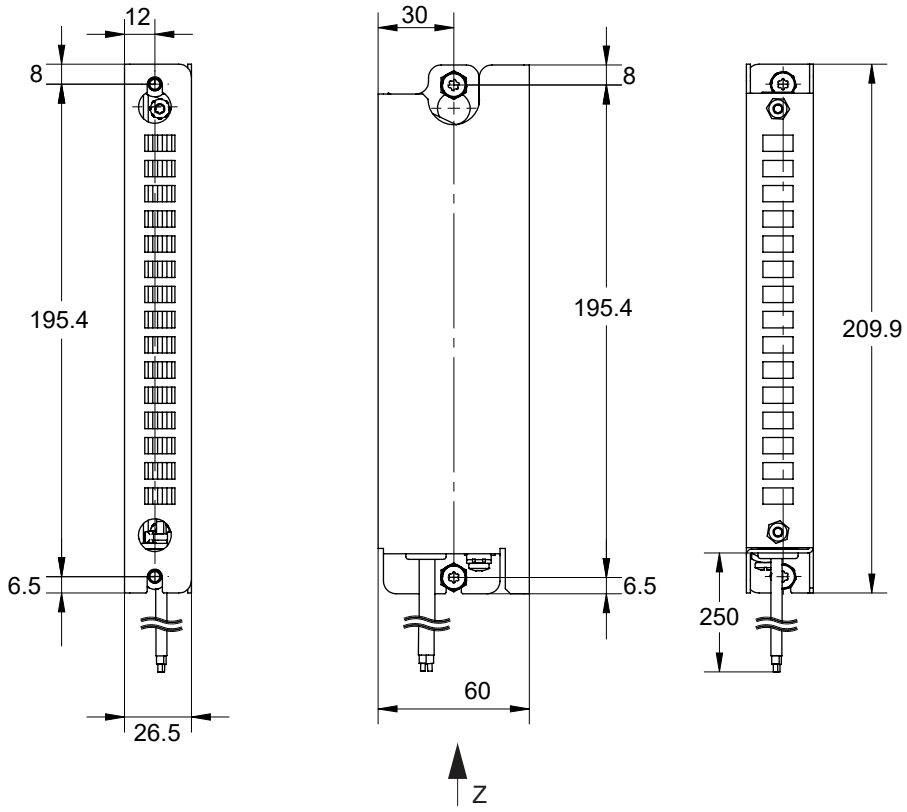
During braking, energy is fed back into the drive. This regenerative energy is dissipated as heat in the regen resistor (also known as the brake resistor). The regen resistor is switched on by the regen circuit. Different resistance values have to be used depending on the drive.

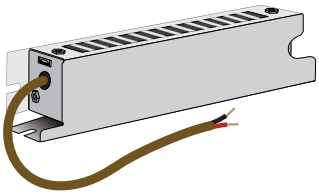
BAFP(U)-85-33-S

85 W, 33 Ohm, 210 x 60 x 27 mm
Recommended for 6V03 and 6V06 drives

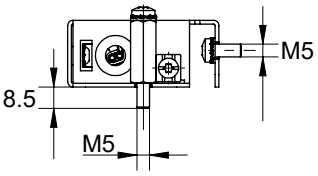
REACh RoHS CE cULus

BAFP(U)-85-33-S Dimensional Drawings





Rendering not exact or to scale



View
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BAFP(U)-85-33-S Specifications

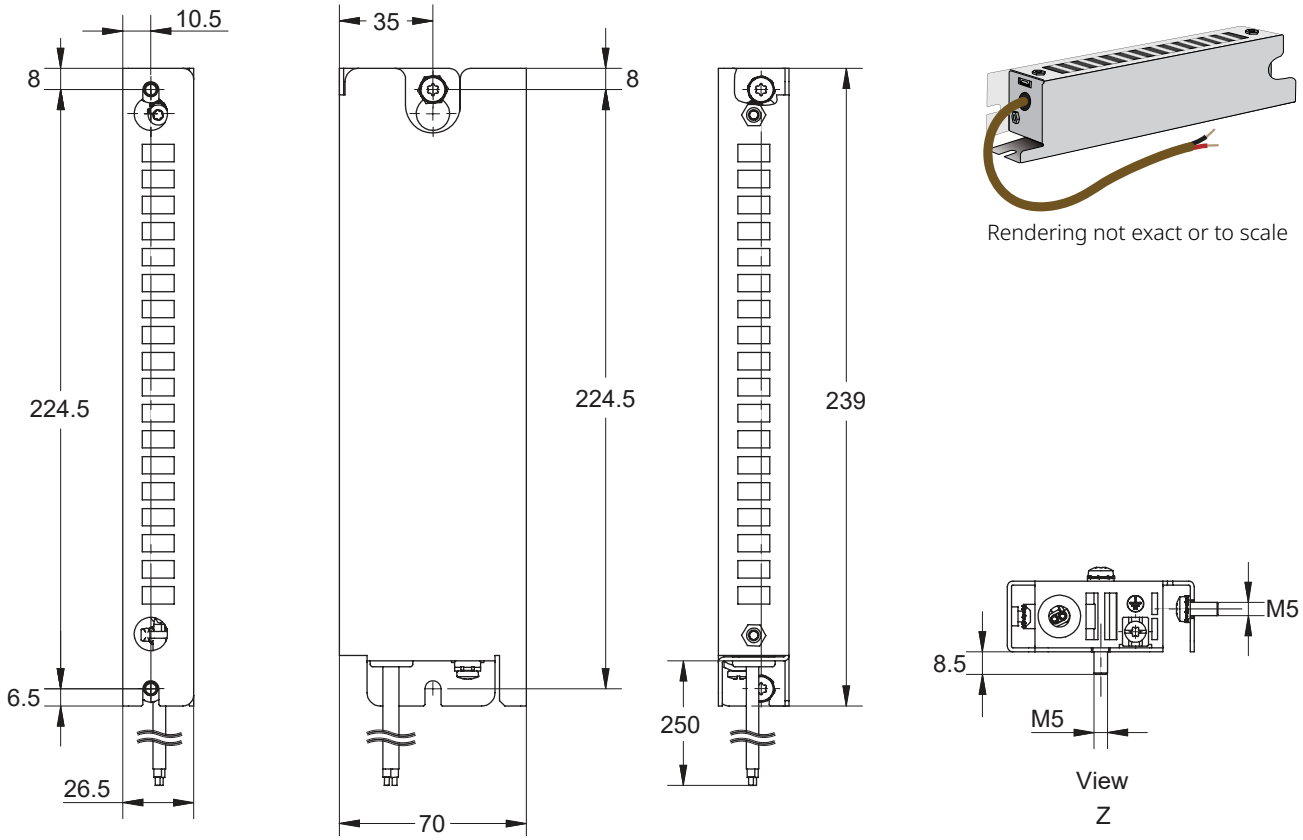
Resistance	33 Ohms
Tolerance	± 10%
Rated Power	85 W when mounted on appropriate heat sink
Energy Absorption	1400 Ws
Maximum Rated Voltage	800 VDC
Test Voltage	4.2 kVDC
Wiring	2 PTFE-wires AWG 18/19 UL1584, 2x0.25m, with wire bare end sleeve, 7mm, insulating tube KalTerm 0.225 m SGA 4.0 mm or any R/C (UL-UZFT2)
Admissible Surface Temperature	max. 200 °C
Winding	CuNi 44 (2.0842), Ø 0.35 mm
Surface	Aluminium with natural surface

Note: Technical detials subject to alteration

BAFP(U)-100-33-S

100 W, 33 Ohm, 239 x 70 x 27 mm
Recommended for 6V12 and 7Vxx drives

BAFP(U)-100-33-S Dimensional Drawings



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BAFP(U)-100-33-S Specifications

Resistance	33 Ohms
Tolerance	± 10%
Rated Power	100 W when mounted on appropriate heat sink
Energy Absorption	1400 Ws
Maximum Rated Voltage	800 VDC
Test Voltage	4.2 kVDC
Wiring	2 PTFE-wires AWG 18/19 UL1584, 2x0.25m, with wire bare end sleeve, 7mm, insulating tube KalTerm 0.2 m SGA 4.0 mm or any R/C (UL-UZFT2)
Admissible Surface Temperature	max. 200 °C
Winding	CuNi 44 (2.0842), Ø 0.35 mm
Surface	Aluminium with natural surface

Note: Technical detials subject to alteration