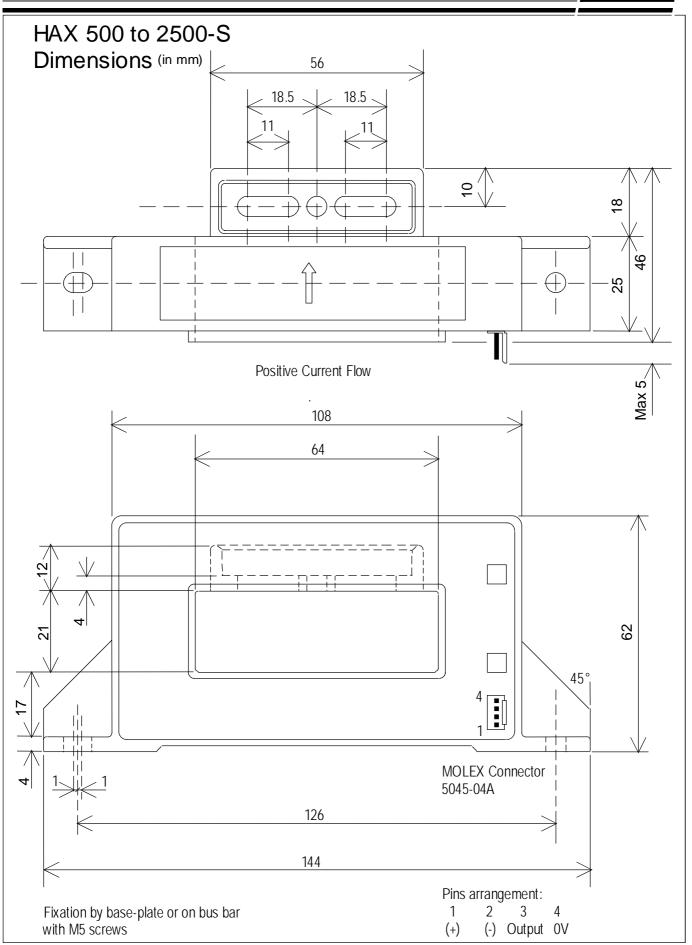
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rimary nomi		Туре				
m.s. currer I _{PN} (A) 500 850 000 200 500 000	L (A) ± 1500 H ± 2550 H ± 3000 H ± 3600 H ± 4500 H	AX 500-S AX 850-S AX 1000-S AX 1200-S AX 1500-S AX 2000-S	18	. 6	Features Hall effect measuring principle Galvanic isolation between primary and secondary circuit 	
500 c c d b b s out c ut L	± 5500 H. Supply voltage (± 5 %) Current consumption Overload capacity R.m.s. voltage for AC isolation to R.m.s. rated voltage, safe sepa Isolation resistance @ 500 VDC Output voltage @ ± I _{PN} , R _L = 10 k Output internal resistance Load resistance	ration C	± 15 ± 15 30,000 5 500 ¹⁾ > 1000 ± 4V ± 40 100 > 1	V mA At kV V MΩ mV Ω kΩ	 Isolation voltage 5000 V~ Low power consumption Extended measuring range (3 x I_{PN}) Package in PBT meets UL 94-V0 Advantages Easy mounting Small size and space savings Only one design for wide current 	
Accu	Accuracy - Dynamic performance dataAccuracy @ $I_{PN}, T_A = 25^{\circ}C$ (without offset)Linearity 2 (0 $\pm I_{PN}$)Electrical offset voltage, $T_A = 25^{\circ}C$			% of I _{PN} mV	 ratings range High immunity against external interference f I_{PN} 	
от Се _g	Hysteresis offset voltage $@$ I_p = after an excursion of 1 x I_{PN} Thermal drift of V_{OE} Thermal drift of the gain (% of re Response time $@$ 90% of I_p di/dt accurately followed Frequency bandwidth ³ (- 3 dB)		< ± 30 < ± 1 < ± 0.1 < 5 > 50 DC 25	mV mV/K %/K μs A/μs kHz	 Applications AC motor speed control Battery supplied applications Uninterruptible Power Supplies (UPS) Power supplies for welding, cable 	
General data					and telecommunication application	
4 5 1	Ambient operating temperature Ambient storage temperature Mass Min. internal creepage distance Isolation material group Standards ⁴⁾	approx.	- 25 + 85 - 25 + 85 450 ≥ 8.5 Illa EN 50178	5 °C g mm		





LEM reserves the right to change limits and dimensions.