

**HY 25-P**



**Part Number:** [HY 25-P](#)  
**Manufacturer:** [LEM USA, Inc.](#)  
**Description:** SENSOR CURRENT HALL 25A AC/DC  
**Data sheet:** [PDF HY 5-25-P](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
 See Product Specifications for product details.  
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**PRODUCT PARAMETER**

<b>Part Number</b>	<a href="#">HY 25-P</a>
<b>Manufacturer</b>	<a href="#">LEM USA, Inc.</a>
<b>Description</b>	SENSOR CURRENT HALL 25A AC/DC
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	6652 pcs
<b>Product Photo</b>	<a href="#">HY 25-P.jpg</a>
<b>Category</b>	<a href="#">Sensors, Transducers</a>
<b>Voltage - Supply</b>	±12 V ~ 15 V
<b>Series</b>	HY
<b>Sensor Type</b>	Hall Effect, Open Loop
<b>Sensitivity</b>	-
<b>Response Time</b>	3µs
<b>Polarization</b>	Bidirectional
<b>Packaging</b>	Tray
<b>Package / Case</b>	Module
<b>Output</b>	Ratiometric, Voltage
<b>Other Names</b>	398-1105 64.73.19.000.0 HY25P
<b>Operating Temperature</b>	-10°C ~ 80°C
<b>Number of Channels</b>	1
<b>Mounting Type</b>	Through Hole
<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)
<b>Linearity</b>	±1%
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Frequency</b>	DC ~ 50kHz
<b>For Measuring</b>	AC/DC
<b>Detailed Description</b>	Current Sensor 25A 1 Channel Hall Effect, Open Loop Bidirectional Module
<b>Current - Supply (Max)</b>	10mA
<b>Current - Sensing</b>	25A
<b>Accuracy</b>	±1%

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**RELATED PRODUCTS**

	<b>Part#:</b> <a href="#">ACS723LLCTR-40AU-T</a> <b>Description:</b> SENSOR CURRENT HALL 40A DC	<b>Manufacturers:</b> <a href="#">Allegro MicroSystems, LLC.</a> <b>In Stock:</b> 35138	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">HAC 600-S</a> <b>Description:</b> SENSOR CURRENT HALL 600A AC/DC	<b>Manufacturers:</b> <a href="#">LEM USA, Inc.</a> <b>In Stock:</b> 1136	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">HY 50-P</a> <b>Description:</b> SENSOR CURRENT HALL 50A AC/DC	<b>Manufacturers:</b> <a href="#">LEM USA, Inc.</a> <b>In Stock:</b> 4646	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">AT 5 B420L</a> <b>Description:</b> SENSOR CURRENT XFMR 5A AC	<b>Manufacturers:</b> <a href="#">LEM USA, Inc.</a> <b>In Stock:</b> 1474	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LXSR 15-NPS KIT</a> <b>Description:</b> 3 PIECE KIT SENSOR CURRENT HALL	<b>Manufacturers:</b> <a href="#">LEM USA, Inc.</a> <b>In Stock:</b> 3410	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">HY 30-P</a> <b>Description:</b> SENSOR CURRENT HALL 30A AC/DC	<b>Manufacturers:</b> <a href="#">LEM USA, Inc.</a> <b>In Stock:</b> 3438	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">HY 20-P</a> <b>Description:</b> SENSOR CURRENT HALL 20A AC/DC	<b>Manufacturers:</b> <a href="#">LEM USA, Inc.</a> <b>In Stock:</b> 3389	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LES 15-NP</a> <b>Description:</b> SENSOR CURRENT HALL 15A UNIPOLAR	<b>Manufacturers:</b> <a href="#">LEM USA, Inc.</a> <b>In Stock:</b> 10250	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CR4170-20</a> <b>Description:</b> SENSOR CURRENT XFMR 20A AC	<b>Manufacturers:</b> <a href="#">CR Magnetics, Inc.</a> <b>In Stock:</b> 336	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">HY 15-P</a> <b>Description:</b> SENSOR CURRENT HALL 15A AC/DC	<b>Manufacturers:</b> <a href="#">LEM USA, Inc.</a> <b>In Stock:</b> 5609	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">HAS 300-S</a> <b>Description:</b> SENSOR CURRENT HALL 300A AC/DC	<b>Manufacturers:</b> <a href="#">LEM USA, Inc.</a> <b>In Stock:</b> 5694	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CR4210S-10</a> <b>Description:</b> SENSOR CURRENT XFMR 10A AC	<b>Manufacturers:</b> <a href="#">CR Magnetics, Inc.</a> <b>In Stock:</b> 702	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">HO 150-S</a> <b>Description:</b> SENSOR CURRENT HALL 150A AC/DC	<b>Manufacturers:</b> <a href="#">LEM USA, Inc.</a> <b>In Stock:</b> 6805	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">GHS 10-SME</a> <b>Description:</b> INTEGRATED PRIMARY 10A O/L	<b>Manufacturers:</b> <a href="#">LEM USA, Inc.</a> <b>In Stock:</b> 33169	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">HY 10-P</a> <b>Description:</b> SENSOR CURRENT HALL 10A AC/DC	<b>Manufacturers:</b> <a href="#">LEM USA, Inc.</a> <b>In Stock:</b> 6369	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">HY 12-P</a> <b>Description:</b> SENSOR CURRENT HALL 12.5A AC/DC	<b>Manufacturers:</b> <a href="#">LEM USA, Inc.</a> <b>In Stock:</b> 3444	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">F02P050S05</a> <b>Description:</b> SENSOR CURRENT FLUX GATE 50A AC	<b>Manufacturers:</b> <a href="#">Tamura</a> <b>In Stock:</b> 7734	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">HY 5-P</a> <b>Description:</b> SENSOR CURRENT HALL 5A AC/DC	<b>Manufacturers:</b> <a href="#">LEM USA, Inc.</a> <b>In Stock:</b> 6245	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MLX91206LDC-CAH-003-TU</a> <b>Description:</b> SENSOR CURRENT HALL 25MT AC/DC	<b>Manufacturers:</b> <a href="#">Melexis</a> <b>In Stock:</b> 34699	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">PDRV421RTJT</a> <b>Description:</b> IC FLUXGATE SENSOR 20WQFN	<b>Manufacturers:</b> <a href="#">Luminary Micro / Texas Instruments</a> <b>In Stock:</b> 21440	<a href="#">RFQ</a>

**Related keywords for HY 25-P**

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