

**HLSR 40-SM/SP33 Information**


For Reference Only

**Part Number** [HLSR 40-SM/SP33](#)  
**Manufacturer** LEM USA Inc.  
**Category** Sensors, Transducers  
[Current Transducers](#)  
**Description** SENSOR CURRENT HALL 40A AC/DC  
**Package** Module  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


[Request a Quote](#)
**Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


**HLSR 40-SM/SP33 Specifications**

|                          |   |
|--------------------------|---|
| Manufacturer Part Number | <a href="#">HLSR 40-SM/SP33</a>                             |
| Manufacturer             | LEM USA Inc.  |
| Category                 | Sensors, Transducers<br><a href="#">Current Transducers</a> |
| Package                  | Module  |
| Series                   | HLSR-P  |
| For Measuring            | AC/DC   |
| Sensor Type              | Hall Effect, Open Loop                                      |
| Current - Sensing        | 40A   |
| Number of Channels       | 1   |
| Output                   | Ratiometric, Voltage  |
| Sensitivity              | 20mV/A  |
| Frequency                | 400kHz  |
| Linearity                | ±0.5%   |
| Accuracy                 | ±1%   |
| Voltage - Supply         | 3.3V  |
| Response Time            | 2.5µs   |
| Current - Supply (Max)   | 25mA  |
| Operating Temperature    | -40°C ~ 105°C   |
| Polarization             | Bidirectional   |
| Mounting Type            | Surface Mount   |
| Package / Case           | Module  |

[Report errors?](#)

## HLSR 40-SM/SP33 Guarantees



### Quality Guarantees

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



### Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## HLSR 40-SM/SP33 Payment Methods



## HLSR 40-SM/SP33 Shipping Methods



If you have any question about HLSR 40-SM/SP33, please do not hesitate to contact us!

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