




LEM USA, Inc.

### HLSR 20-SM/SP33

Part Number: HLSR 20-SM/SP33  
 Manufacturer/Brand: LEM USA, Inc.  
 Product description: SENSOR CURRENT HALL 20A AC/DC  
 Datasheets: [1.HLSR 20-SM/SP33.pdf](#)  
[2.HLSR 20-SM/SP33.pdf](#)  
 RoHs Status:  Lead free / RoHS Compliant  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.













#### Specifications of HLSR 20-SM/SP33

PART NUMBER	HLSR 20-SM/SP33
MANUFACTURER	LEM USA, Inc.
DESCRIPTION	SENSOR CURRENT HALL 20A AC/DC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">1.HLSR 20-SM/SP33.pdf</a> <a href="#">2.HLSR 20-SM/SP33.pdf</a>
VOLTAGE - SUPPLY	3.3V
SERIES	HLSR-P
SENSOR TYPE	Hall Effect, Open Loop
SENSITIVITY	40mV/A
RESPONSE TIME	2.5µs
POLARIZATION	Bidirectional
PACKAGING	Tray
PACKAGE / CASE	Module
OUTPUT	Ratiometric, Voltage
OTHER NAMES	398-1137 90.J4.17.033.0 HLSR20SMSP33
OPERATING TEMPERATURE	-40°C ~ 105°C
NUMBER OF CHANNELS	1
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	14 Weeks
LINEARITY	±0.5%
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
FREQUENCY	400kHz
FOR MEASURING	AC/DC
DETAILED DESCRIPTION	Current Sensor 20A 1 Channel Hall Effect, Open Loop Bidirectional Module
CURRENT - SUPPLY (MAX)	25mA
CURRENT - SENSING	20A
ACCURACY	±1%

#### Related Tags

LEM USA, Inc. HLSR 20-SM/SP33	HLSR 20-SM/SP33 Distributor	HLSR 20-SM/SP33 Supplier
HLSR 20-SM/SP33 Price	HLSR 20-SM/SP33 Pictures	HLSR 20-SM/SP33 Image
HLSR 20-SM/SP33 PDF Datasheet	HLSR 20-SM/SP33 Download Datasheet	HLSR 20-SM/SP33 Datasheet
HLSR 20-SM/SP33 Stock	Buy HLSR 20-SM/SP33	Buy LEM USA, Inc. HLSR 20-SM/SP33
LEM USA, Inc. HLSR 20-SM/SP33	LEM USA, Inc. Supplier	LEM USA, Inc. Distributor
LEM USA, Inc. HLSR 20-SM/SP33	LEM HLSR 20-SM/SP33	LEM USA Inc. HLSR 20-SM/SP33

#### Related Products

 <p><b>HLSR 20-P</b>                  Manufacturers: LEM USA, Inc.                  Description: SENSOR CURRENT HALL 20A AC/DC                  In stock: 487 pcs  <a href="#">RFQ</a></p>	 <p><b>HLSR 10-SM/SP33</b>                  Manufacturers: LEM USA, Inc.                  Description: SENSOR CURRENT HALL 10A AC/DC                  In stock: 137 pcs  <a href="#">RFQ</a></p>
 <p><b>HLSR 20-SM</b>                  Manufacturers: LEM USA, Inc.                  Description: SENSOR CURRENT HALL 20A AC/DC                  In stock: 282 pcs  <a href="#">RFQ</a></p>	 <p><b>HLSR 10-SM</b>                  Manufacturers: LEM USA, Inc.                  Description: SENSOR CURRENT HALL 10A AC/DC                  In stock: 220 pcs  <a href="#">RFQ</a></p>
 <p><b>HLSR 10-P/SP33</b>                  Manufacturers: LEM USA, Inc.                  Description: SENSOR CURRENT HALL 10A AC/DC                  In stock: 302 pcs  <a href="#">RFQ</a></p>	 <p><b>HLSR 40-P/SP33</b>                  Manufacturers: LEM USA, Inc.                  Description: SENSOR CURRENT HALL 40A AC/DC                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>HLSR 32-P</b>                  Manufacturers: LEM USA, Inc.                  Description: SENSOR CURRENT HALL 32A AC/DC                  In stock: 439 pcs  <a href="#">RFQ</a></p>	 <p><b>HLSR 32-SM/SP33</b>                  Manufacturers: LEM USA, Inc.                  Description: SENSOR CURRENT HALL 32A AC/DC                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>HLSR 40-P</b>                  Manufacturers: LEM USA, Inc.                  Description: SENSOR CURRENT HALL 40A AC/DC                  In stock: 638 pcs  <a href="#">RFQ</a></p>	 <p><b>HLSR 32-P/SP33</b>                  Manufacturers: LEM USA, Inc.                  Description: SENSOR CURRENT HALL 32A AC/DC                  In stock: 65 pcs  <a href="#">RFQ</a></p>
 <p><b>HLSR 20-P/SP33</b>                  Manufacturers: LEM USA, Inc.                  Description: SENSOR CURRENT HALL 20A AC/DC                  In stock: 642 pcs  <a href="#">RFQ</a></p>	 <p><b>HLSR 32-SM</b>                  Manufacturers: LEM USA, Inc.                  Description: SENSOR CURRENT HALL 32A AC/DC                  In stock: 182 pcs  <a href="#">RFQ</a></p>

