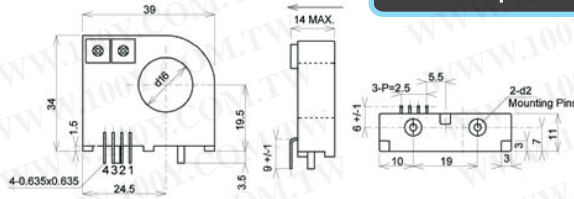


Sensors & Transducers

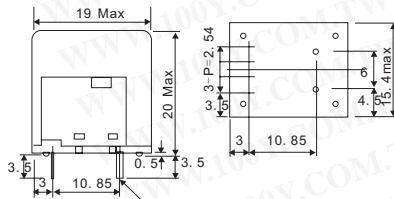
Current Transducers

Detailed product specifications are available on: us.100y.com.tw



Supply voltage ($\pm 5\%$) ²⁾	12 .. 15V
Current consumption	< 1.5mA
Load resistance	$\geq 10k\Omega$
Ambient operating temperature	-20 .. +80°C
Ambient storage temperature	-25 .. +85°C

Part No.	Product No.	Manufacturer	Description	Type
41005	HTB100-P	LEM	LEM_Current Transducer for Measuring of DC, AC and Pulse Current	HTB100-P



Supply voltage ($\pm 5\%$) ¹⁾	15V
Current consumption	< 1.5mA
Load resistance	$\geq 10k\Omega$
Ambient operating temperature	-25 .. +85°C
Ambient storage temperature	-25 .. +85°C

FEATURES

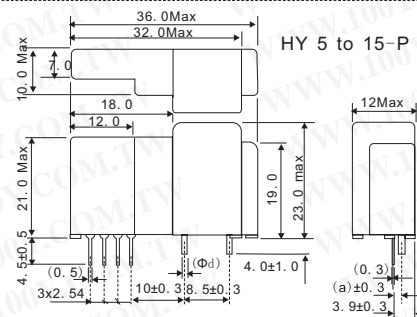
- Galvanic isolation between primary and secondary circuit
- Hall effect measuring principle
- Isolation voltage 3000V
- Low power consumption
- Extended measuring range ($3 \times I_{PN}$)
- Power supply from $\pm 12V$ to $\pm 15V$
- Insulated plastic case recognized according to UL94-V0.

APPLICATIONS

- Switched Mode Power Supplies (SMPS)
- AC variable speed drives
- Uninterruptible Power Supplies (UPS)
- Electrical appliances
- Battery supplied applications
- DC motor drives

Part No.	Product No.	Manufacturer	Description	Type
41015	HX15-P	LEM	LEM_Current Transducer for Measuring of DC, AC and Pulse Current	HX15-P

1: +15V 2: -15V
3: output 4: ground



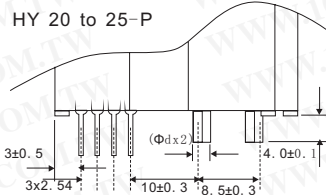
FEATURES

- Hall effect measuring principle
- Galvanic isolation between primary and secondary circuit
- Isolation voltage 2500 V~
- Compact design for PCB mounting
- Low power consumption
- Extended measuring range ($3 \times I_{PN}$)
- Insulated plastic case recognized according to UL 94-V0.

APPLICATIONS

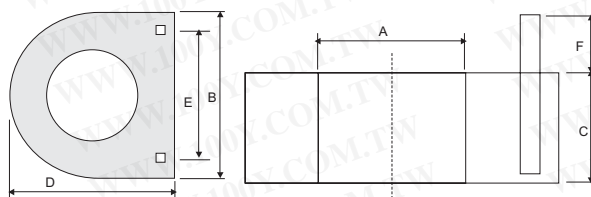
- Static converters for DC motor drives
- Switched Mode Power Supplies (SMPS).
- AC variable speed drives
- Uninterruptible Power Supplies (UPS)
- Battery supplied applications
- General purpose inverters

HY 20 to 25-P



Supply voltage ($\pm 5\%$) ⁶⁾	12 .. 15V
Current consumption	< 1.0mA
Load resistance	>1kΩ
Ambient operating temperature	-10 .. +80°C
Ambient storage temperature	-25 .. +85°C

Part No.	Product No.	Manufacturer	Description	Type
8454	HY10-P	LEM	LEM_Current Transducer for Measuring of DC, AC and Pulse Current	HY10-P
26998	HY15-P	LEM	LEM_Current Transducer for Measuring of DC, AC and Pulse Current	HY15-P
9240	HY25-P	LEM	LEM_Current Transducer for Measuring of DC, AC and Pulse Current	HY25-P
17139	HY5-P	LEM	LEM_Current Transducer for Measuring of DC, AC and Pulse Current	HY-05P



Unit: mm

A	B	C	D	E	F
7.0±0.1	17.0±0.2	7.0max	18.0±0.2	10.0±0.2	4.0 ^{+0.5} _{-0.5}

Part No.	Product No.	Description	Type
40966	KZ-3 H/M PIN	Current Transducers	KZ-3 H/M

