

# **BT131-600,116 Information**



For Reference Only

**Part Number** BT131-600,116

Manufacturer WeEn Semiconductors

**Category** Discrete Semiconductor Products

Thyristors - TRIACs

**Description** TRIAC SENS GATE 600V 1A TO92-3

Package TO-226-3, TO-92-3 (TO-226AA)

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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## **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.









# BT131-600,116 Specifications

Manufacturer Part Number  Manufacturer  WeEn Semiconductors  Discrete Semiconductor Products Thyristors - TRIACs  Package TO-226-3, TO-92-3 (TO-226AA)  Series - Triac Type Logic - Sensitive Gate  Voltage - Off State Current - On State (It (RMS)) (Max) IA  Voltage - Gate Trigger (Vgt) (Max)  Current - Non Rep. Surge 50, 60Hz (Itsm)  Current - Gate Trigger (Igt) (Max)  Current - Hold (Ih) (Max)  SmA  Current - Hold (Ih) (Max)  Configuration Single Operating Temperature  Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA)  Supplier Device Package TO-92-3  Report errors?		
Category  Discrete Semiconductor Products Thyristors - TRIACs  Package  TO-226-3, TO-92-3 (TO-226AA)  Series  - Triac Type  Logic - Sensitive Gate  Voltage - Off State  600V  Current - On State (It (RMS)) (Max)  1A  Voltage - Gate Trigger (Vgt) (Max)  Current - Non Rep. Surge 50, 60Hz (Itsm)  12.5A, 13.8A  Current - Gate Trigger (Igt) (Max)  Current - Hold (Ih) (Max)  Configuration  Operating Temperature  Mounting Type  Through Hole  Package / Case  TO-226-3, TO-92-3 (TO-226AA)  Supplier Device Package	Manufacturer Part Number	BT131-600,116
Thyristors - TRIACs  Package TO-226-3, TO-92-3 (TO-226AA)  Series - Triac Type Logic - Sensitive Gate  Voltage - Off State 600V  Current - On State (It (RMS)) (Max) 1A  Voltage - Gate Trigger (Vgt) (Max) 1.5V  Current - Non Rep. Surge 50, 60Hz (Itsm) 12.5A, 13.8A  Current - Gate Trigger (Igt) (Max) 3mA  Current - Hold (Ih) (Max)  Configuration Single Operating Temperature 125°C (TJ)  Mounting Type Through Hole  Package / Case TO-226-3, TO-92-3 (TO-226AA)  Supplier Device Package	Manufacturer	WeEn Semiconductors
Package TO-226-3, TO-92-3 (TO-226AA)  Series - Triac Type Logic - Sensitive Gate  Voltage - Off State 600V  Current - On State (It (RMS)) (Max) 1A  Voltage - Gate Trigger (Vgt) (Max) 1.5V  Current - Non Rep. Surge 50, 60Hz (Itsm) 12.5A, 13.8A  Current - Gate Trigger (Igt) (Max) 3mA  Current - Hold (Ih) (Max) 5mA  Configuration Single Operating Temperature 125°C (TJ)  Mounting Type Through Hole  Package / Case TO-226-3, TO-92-3 (TO-226AA)  Supplier Device Package TO-92-3	Category	Discrete Semiconductor Products
Series - Current - On State (It (RMS)) (Max) 1A  Voltage - Gate Trigger (Vgt) (Max) 1.5V  Current - Non Rep. Surge 50, 60Hz (Itsm) 12.5A, 13.8A  Current - Gate Trigger (Igt) (Max) 3mA  Current - Hold (Ih) (Max) 5mA  Configuration Single  Operating Temperature 125°C (TJ)  Mounting Type Through Hole  Package / Case TO-226-3, TO-92-3 (TO-226AA)  Supplier Device Package		Thyristors - TRIACs
Triac Type  Voltage - Off State  Current - On State (It (RMS)) (Max)  Voltage - Gate Trigger (Vgt) (Max)  Current - Non Rep. Surge 50, 60Hz (Itsm)  12.5A, 13.8A  Current - Gate Trigger (Igt) (Max)  Current - Hold (Ih) (Max)  Current - Hold (Ih) (Max)  Configuration  Single  Operating Temperature  125°C (TJ)  Mounting Type  Through Hole  Package / Case  TO-226-3, TO-92-3 (TO-226AA)  Supplier Device Package	Package	TO-226-3, TO-92-3 (TO-226AA)
Voltage - Off State  Current - On State (It (RMS)) (Max)  1A  Voltage - Gate Trigger (Vgt) (Max)  1.5V  Current - Non Rep. Surge 50, 60Hz (Itsm)  12.5A, 13.8A  Current - Gate Trigger (Igt) (Max)  3mA  Current - Hold (Ih) (Max)  5mA  Configuration  Single  Operating Temperature  125°C (TJ)  Mounting Type  Through Hole  Package / Case  TO-226-3, TO-92-3 (TO-226AA)  Supplier Device Package	Series	-
Current - On State (It (RMS)) (Max)  Voltage - Gate Trigger (Vgt) (Max)  Current - Non Rep. Surge 50, 60Hz (Itsm)  12.5A, 13.8A  Current - Gate Trigger (Igt) (Max)  Current - Hold (Ih) (Max)  Configuration  Single  Operating Temperature  125°C (TJ)  Mounting Type  Through Hole  Package / Case  TO-226-3, TO-92-3 (TO-226AA)  Supplier Device Package	Triac Type	Logic - Sensitive Gate
Voltage - Gate Trigger (Vgt) (Max)  Current - Non Rep. Surge 50, 60Hz (Itsm)  12.5A, 13.8A  Current - Gate Trigger (Igt) (Max)  Current - Hold (Ih) (Max)  SmA  Configuration  Single  Operating Temperature  125°C (TJ)  Mounting Type  Through Hole  Package / Case  TO-226-3, TO-92-3 (TO-226AA)  Supplier Device Package	Voltage - Off State	600V
Current - Non Rep. Surge 50, 60Hz (Itsm)  Current - Gate Trigger (Igt) (Max)  Current - Hold (Ih) (Max)  Configuration  Operating Temperature  Mounting Type  Package / Case  Supplier Device Package  12.5A, 13.8A  3mA  5mA  5mB  12.5°C (TJ)  Through Hole  Through Hole  TO-226-3, TO-92-3 (TO-226AA)  TO-92-3	Current - On State (It (RMS)) (Max)	1A
Current - Gate Trigger (Igt) (Max)  Current - Hold (Ih) (Max)  SmA  Configuration  Single  Operating Temperature  125°C (TJ)  Mounting Type  Through Hole  Package / Case  TO-226-3, TO-92-3 (TO-226AA)  Supplier Device Package	Voltage - Gate Trigger (Vgt) (Max)	1.5V
Current - Hold (Ih) (Max)  Configuration  Single  Operating Temperature  125°C (TJ)  Mounting Type  Through Hole  Package / Case  TO-226-3, TO-92-3 (TO-226AA)  Supplier Device Package	Current - Non Rep. Surge 50, 60Hz (Itsm)	12.5A, 13.8A
ConfigurationSingleOperating Temperature125°C (TJ)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3	Current - Gate Trigger (Igt) (Max)	3mA
Operating Temperature 125°C (TJ)  Mounting Type Through Hole  Package / Case TO-226-3, TO-92-3 (TO-226AA)  Supplier Device Package TO-92-3	Current - Hold (Ih) (Max)	5mA
Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) Supplier Device Package TO-92-3	Configuration	Single
Package / Case TO-226-3, TO-92-3 (TO-226AA) Supplier Device Package TO-92-3	Operating Temperature	125°C (TJ)
Supplier Device Package TO-92-3	Mounting Type	Through Hole
	Package / Case	TO-226-3, TO-92-3 (TO-226AA)
Report errors?	Supplier Device Package	TO-92-3
		Report errors?

## **BT131-600,116 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.

## BT131-600,116 Payment Methods



















# BT131-600,116 Shipping Methods













If you have any question about BT131-600,116, please do not hesitate to contact us!

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