

### **IL4117 Information**



For Reference Only

Part Number IL4117

Manufacturer Vishay Semiconductor Opto Division

**Category** Isolators

Optoisolators - Triac, SCR Output

**Description** OPTOISOLATOR 5.3KV TRIAC 6DIP

**Package** 6-DIP (0.300", 7.62mm)

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**

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# **IL4117 Specifications**

Manufacturer Part Number         IL.4117           Manufacturer         Vishay Semiconductor Opto Division           Category         Isolators           Package         6-DIP (0.300", 7.62mm)           Series         -           Output Type         Triae           Zero Crossing Circuit         Yes           Number of Channels         1           Voltage - Isolation         5300Vrms           Voltage - Off State         700V           Static dV/dt (Min)         10kV/μs           Current - LED Trigger (Ift) (Max)         1.3mA           Current - On State (It (RMS)) (Max)         300mA           Current - Hold (Ih)         200μA           Turn On Time         35μs           Voltage - Forward (Vf) (Typ)         1.3V           Current - DC Forward (Ift) (Max)         60mA           Operating Temperature         -55°C ~ 100°C           Mounting Type         Through Hole           Package / Case         6-DIP (0.300", 7.62mm)           Supplier Device Package         6-DIP (0.300", 7.62mm)           Supplier Device Package         6-DIP (0.300", 7.62mm)		
Category         Isolators           Optoisolators - Triac, SCR Output           Package         6-DIP (0.300", 7.62mm)           Series         -           Output Type         Triac           Zero Crossing Circuit         Yes           Number of Channels         1           Voltage - Isolation         5300Vrms           Voltage - Off State         700V           Static dV/dt (Min)         10kV/µs           Current - LED Trigger (Ift) (Max)         1.3mA           Current - On State (It (RMS)) (Max)         300mA           Current - Hold (Ih)         200µA           Turn On Time         35µs           Voltage - Forward (Vf) (Typ)         1.3V           Current - DC Forward (If) (Max)         60mA           Operating Temperature         -55°C ~ 100°C           Mounting Type         Through Hole           Package / Case         6-DIP (0.300", 7.62mm)           Supplier Device Package         6-DIP           Approvals         BSI, CSA, cUR, FIMKO, UR	Manufacturer Part Number	IL4117
Package         6-DIP (0.300", 7.62mm)           Series         -           Output Type         Triac           Zero Crossing Circuit         Yes           Number of Channels         1           Voltage - Isolation         5300Vrms           Voltage - Off State         700V           Static dV/dt (Min)         10kV/μs           Current - LED Trigger (Ift) (Max)         1.3mA           Current - On State (It (RMS)) (Max)         300mA           Current - Hold (Ih)         200μA           Turn On Time         35μs           Voltage - Forward (Vf) (Typ)         1.3V           Current - DC Forward (If) (Max)         60mA           Operating Temperature         -55°C ~ 100°C           Mounting Type         Through Hole           Package / Case         6-DIP (0.300", 7.62mm)           Supplier Device Package         6-DIP           Approvals         BSI, CSA, cUR, FIMKO, UR	Manufacturer	Vishay Semiconductor Opto Division
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Series         -           Output Type         Triac           Zero Crossing Circuit         Yes           Number of Channels         1           Voltage - Isolation         5300Vrms           Voltage - Off State         700V           Static dV/dt (Min)         10kV/μs           Current - LED Trigger (Ift) (Max)         1.3mA           Current - On State (It (RMS)) (Max)         300mA           Current - Hold (Ih)         200μA           Turn On Time         35μs           Voltage - Forward (Vf) (Typ)         1.3V           Current - DC Forward (If) (Max)         60mA           Operating Temperature         -55°C ~ 100°C           Mounting Type         Through Hole           Package / Case         6-DIP (0.300", 7.62mm)           Supplier Device Package         6-DIP           Approvals         BSI, CSA, cUR, FIMKO, UR		Optoisolators - Triac, SCR Output
Output TypeTriacZero Crossing CircuitYesNumber of Channels1Voltage - Isolation5300VrmsVoltage - Off State700VStatic dV/dt (Min)10kV/μsCurrent - LED Trigger (Ift) (Max)1.3mACurrent - On State (It (RMS)) (Max)300mACurrent - Hold (Ih)200μATurn On Time35μsVoltage - Forward (Vf) (Typ)1.3VCurrent - DC Forward (Iff) (Max)60mAOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)Supplier Device Package6-DIPApprovalsBSI, CSA, cUR, FIMKO, UR	Package	6-DIP (0.300", 7.62mm)
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Number of Channels1Voltage - Isolation5300VrmsVoltage - Off State700VStatic dV/dt (Min)10kV/μsCurrent - LED Trigger (Ift) (Max)1.3mACurrent - On State (It (RMS)) (Max)300mACurrent - Hold (Ih)200μATurn On Time35μsVoltage - Forward (Vf) (Typ)1.3VCurrent - DC Forward (If) (Max)60mAOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)Supplier Device Package6-DIPApprovalsBSI, CSA, cUR, FIMKO, UR	Output Type	Triac
Voltage - Isolation5300VrmsVoltage - Off State700VStatic dV/dt (Min)10kV/μsCurrent - LED Trigger (Ift) (Max)1.3mACurrent - On State (It (RMS)) (Max)300mACurrent - Hold (Ih)200μATurn On Time35μsVoltage - Forward (Vf) (Typ)1.3VCurrent - DC Forward (If) (Max)60mAOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)Supplier Device Package6-DIPApprovalsBSI, CSA, cUR, FIMKO, UR	Zero Crossing Circuit	Yes
Voltage - Off State700 VStatic dV/dt (Min)10kV/μsCurrent - LED Trigger (Ift) (Max)1.3mACurrent - On State (It (RMS)) (Max)300mACurrent - Hold (Ih)200μATurn On Time35μsVoltage - Forward (Vf) (Typ)1.3VCurrent - DC Forward (If) (Max)60mAOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)Supplier Device Package6-DIPApprovalsBSI, CSA, cUR, FIMKO, UR	Number of Channels	1
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Current - On State (It (RMS)) (Max)300mACurrent - Hold (Ih)200μATurn On Time35μsVoltage - Forward (Vf) (Typ)1.3VCurrent - DC Forward (If) (Max)60mAOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)Supplier Device Package6-DIPApprovalsBSI, CSA, cUR, FIMKO, UR	Static dV/dt (Min)	$10kV/\mu s$
Current - Hold (Ih)200μATurn On Time35μsVoltage - Forward (Vf) (Typ)1.3VCurrent - DC Forward (If) (Max)60mAOperating Temperature-55°C ~ 100°CMounting TypeThrough HolePackage / Case6-DIP (0.300", 7.62mm)Supplier Device Package6-DIPApprovalsBSI, CSA, cUR, FIMKO, UR	Current - LED Trigger (Ift) (Max)	1.3mA
Turn On Time  35μs  Voltage - Forward (Vf) (Typ)  1.3V  Current - DC Forward (If) (Max)  Operating Temperature  -55°C ~ 100°C  Mounting Type  Through Hole  Package / Case  6-DIP (0.300", 7.62mm)  Supplier Device Package  Approvals  BSI, CSA, cUR, FIMKO, UR	Current - On State (It (RMS)) (Max)	300mA
Voltage - Forward (Vf) (Typ)  1.3V  Current - DC Forward (If) (Max)  Operating Temperature  -55°C ~ 100°C  Mounting Type  Through Hole  Package / Case  6-DIP (0.300", 7.62mm)  Supplier Device Package  Approvals  BSI, CSA, cUR, FIMKO, UR	Current - Hold (Ih)	200μΑ
Current - DC Forward (If) (Max)  Operating Temperature  -55°C ~ 100°C  Mounting Type  Through Hole  Package / Case  6-DIP (0.300", 7.62mm)  Supplier Device Package  Approvals  BSI, CSA, cUR, FIMKO, UR	Turn On Time	35µs
Operating Temperature  -55°C ~ 100°C  Mounting Type  Through Hole  Package / Case  6-DIP (0.300", 7.62mm)  Supplier Device Package  6-DIP  Approvals  BSI, CSA, cUR, FIMKO, UR	Voltage - Forward (Vf) (Typ)	1.3V
Mounting Type Through Hole Package / Case 6-DIP (0.300", 7.62mm) Supplier Device Package 6-DIP Approvals BSI, CSA, cUR, FIMKO, UR	Current - DC Forward (If) (Max)	60mA
Package / Case 6-DIP (0.300", 7.62mm)  Supplier Device Package 6-DIP  Approvals BSI, CSA, cUR, FIMKO, UR	Operating Temperature	-55°C ~ 100°C
Supplier Device Package 6-DIP Approvals BSI, CSA, cUR, FIMKO, UR	Mounting Type	Through Hole
Approvals BSI, CSA, cUR, FIMKO, UR	Package / Case	6-DIP (0.300", 7.62mm)
	Supplier Device Package	6-DIP
Report errors?	Approvals	BSI, CSA, cUR, FIMKO, UR
		Report errors?

### **IL4117 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.

### **IL4117 Payment Methods**





















### **IL4117 Shipping Methods**













If you have any question about IL4117, please do not hesitate to contact us!

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