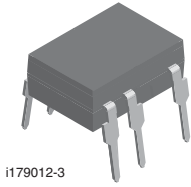
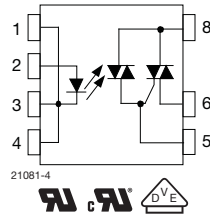


Optocoupler, Power Phototriac



i179012-3



PIN	FUNCTION
1	LED cathode
2	LED anode
3	LED cathode
4	LED cathode
5	Triac gate
6	Triac T1
8	Triac T2

DESCRIPTION

The VO2223 is an optically couple phototriac driving a power triac in a DIP-8 package. It provides a 5300 V of input to output isolation.

FEATURES

- Maximum trigger current (I_{FT}): 10 mA
- Isolation test voltage 5300 V_{RMS}
- Peak off-state voltage 600 V
- Load current 0.9 A_{RMS}
- dV/dt of 210 V/μs
- DIP-8 package
- Pure tin leads
- Material categorization: for definitions of compliance please see www.vishay.com/doc?99912


RoHS
COMPLIANT

APPLICATIONS

- Home appliances (air conditioners, microwave ovens, washing machines, personal hygiene systems, refrigerators, fan heaters, inductive heating cooker, water heaters, etc.)
- Industrial equipments

AGENCY APPROVALS

The safety application model number covering all products in this data sheet is VO2223. This model number should be used when consulting safety agency documents.

- UL - E52744 system code H
- cUL - E52744 system code H
- VDE - DIN EN 60747-5-5 (VDE 0884-5)

ORDERING INFORMATION											
V	O	2	2	2	3	-	X	0	0	#	
PART NUMBER							PACKAGE OPTION				
AGENCY CERTIFIED/PACKAGE						TRIGGER, CURRENT I_{FT} (mA)					
UL, cUL						10					
DIP-8						VO2223					
VDE, UL, cUL						10					
DIP-8						VO2223-X001					