

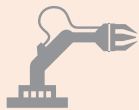


# PHOTOTRANSISTOR OPTOCOUPPLERS

## FEATURES

- Galvanic safety and electrical noise isolation
- Ground loop breaking
- Low forward current down to 1 mA
- Temperature range -55 °C to +110 °C

## APPLICATIONS



INDUSTRIAL



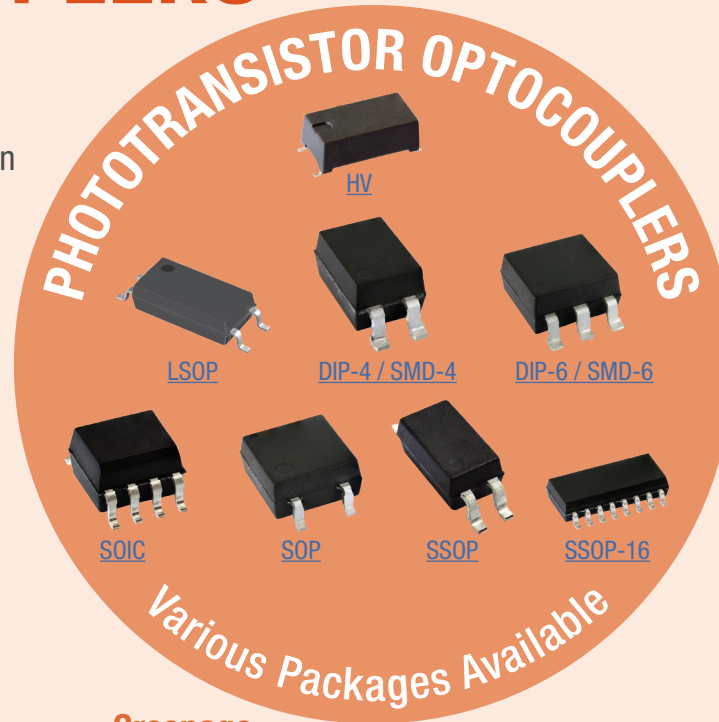
POWER SUPPLIES



CONSUMER

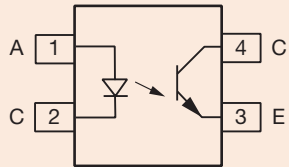


ALTERNATIVE ENERGY

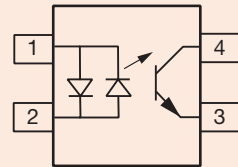


Creepage	Package	Input	Part name
≥ 4 mm	SOIC	DC	V020xAT V0D2xxT
		AC	IL256AT ILD256T
≥ 5 mm	SSOP	DC	V0S617A
		AC	V0S627A
	SOP	DC	V0M617A
		AC	SFH691A
≥ 7 mm / 8 mm	DIP / SMD	DC	V0617A
		AC	SFH628x
≥ 8 mm	LSOP	DC	V0L617A
		AC	V0L628A
≥ 14 mm	HV	DC	CNY6x

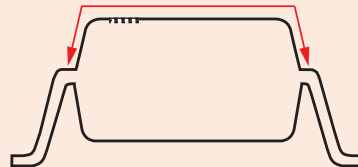
### DC-Input



### AC-Input

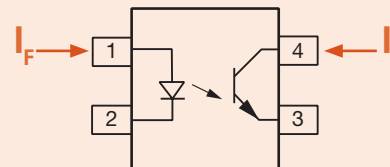


### Creepage



## CTR – Current Transfer Ratio

- Ratio between output collector current  $I_C$  to input forward current  $I_F \times 100\%$
- Broad CTR selections available please see datasheet



$$CTR = \frac{I_C}{I_F} \times 100\%$$

## ORDERING INFORMATION

V	O	X	6	X	X	A	-	#	X	0	#	#	T
PART NUMBER							CTR BIN	PACKAGE OPTION			TAPE AND REEL		
PACKAGE - - DIP / SMD S - SSOP M - SOP L - LSOP							INPUT 1 - DC 2 - AC	CTR SPECIFIED AT $I_F$ 5 - 10 mA 7 - 5 mA 8 - 1 mA					

For technical questions: [optocoupleranswers@vishay.com](mailto:optocoupleranswers@vishay.com)

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