

## Opto Isolators

### Opto Isolators for Standard Applications

Package	Part Number	Characteristics													
		$V_{IO}$ $V_{RMS}$	CTR $I_F=10\text{ mA}$ %	$V_{(BRCEO)}$ $I_C=1\text{ mA}$ V	$V_{CEsat}$ @ $I_F$ and $I_C$		$t_{on}/t_{off}$ @ $I_C$ $R_L=100\ \Omega$								
					V	mA	mA	$\mu\text{s}$	mA						
<b>6-Pin Opto Isolators – with Transistor Output</b>															
 6-pin DIP	4N25 <sup>1)</sup>	3750	100 (> 20)	> 32	< 0.5	50	2	4	10						
	4N26 <sup>1)</sup>														
	4N27 <sup>1)</sup>														
	4N28 <sup>1)</sup>														
	4N35 <sup>1)</sup>														
	4N36 <sup>1)</sup>									150 (> 100)	< 0.3	10	0.5	< 10	2
	4N37 <sup>1)</sup>														
4N38A	100 (> 20)	> 80	< 1	20	4	< 5.5									
<b>6-Pin Opto Isolators – with Darlington Output</b>															
See above package	4N32	3750	> 500	> 55	< 1	8	2	50	50						
	4N33														
<b>4-Pin Opto Isolators – with Transistor Output</b>															
 4-pin DIP	K817P(W) <sup>5)</sup>	2500 <sup>3)</sup>	50-600 <sup>2)</sup>	< 70	< 0.3	10	1	6	2						
<b>Multi-Channel Opto Isolators – with Transistor Output</b>															
 Dual-channel 8-pin DIP	MCT6	2500 <sup>3)</sup>	> 60	> 70	< 0.3	10	1	6	2						
	CNY74-2		50-600 <sup>2)</sup>												
	MCT62		> 100 <sup>2)</sup>												
	K827P		50-600 <sup>2)</sup>												
 Quad-channel 16-pin-DIP	CNY74-4		50-600 <sup>2)</sup>												
	K847P		50-600 <sup>2)</sup>												

<sup>1)</sup> Water-proofed construction: Suitable for cleaning process with pure water. For your orders, attach "S" to the order number (e.g. 4N25(G)VS).

<sup>2)</sup>  $I_F = 5\text{ mA}$

<sup>3)</sup>  $V_{DC}$

<sup>5)</sup> Order "W" devices, e.g.. K817PW with GULLWING lead form for surface-mount technology.