

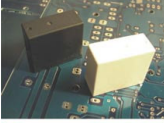
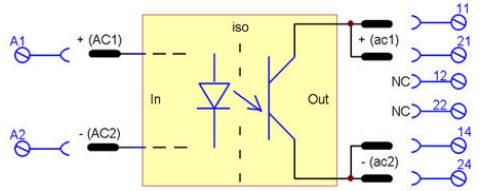

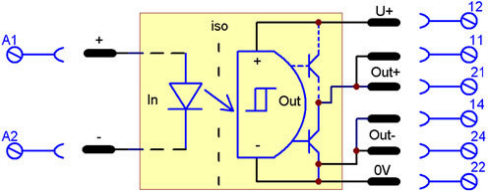


## Definite Purpose Optocouplers

Optocouplers			Super fast Optocouplers																		
Electrobrick Optocouplers offers high isolation	 LxWxH mm (16x82.5x72)		Industrial Optocouplers with a max switch frequency of 2.0MHz Well suited for switching inductive loads	 LxWxH mm (16x82.5x72)																	
 <table border="1" style="font-size: 8px; margin: 0 auto;"> <tr><td>A1</td><td>12</td><td>11</td><td>14</td></tr> <tr><td>A2</td><td>22</td><td>21</td><td>24</td></tr> </table>	A1	12	11	14	A2	22	21	24			 <table border="1" style="font-size: 8px; margin: 0 auto;"> <tr><td>A1</td><td>12</td><td>11</td><td>14</td></tr> <tr><td>A2</td><td>22</td><td>21</td><td>24</td></tr> </table>	A1	12	11	14	A2	22	21	24		
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A2	22	21	24																		
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Technical data	AC/DC in, low power	AC/DC in High power	Technical data	Low power 100mA DC output	High Power 5A DC output																
Output	100mA DC output	5A DC output	Output Type	Push-Pull, non inv.	Open collector, inv.																
Switching voltage	0-60VDC	0-55VDC	Max. switch voltage	30VDC	30VDC																
Max. continuous current	100mA	5A	Max Switch current (res. load)	100mA	5A																
Max. transient current DC version	0.15A/0.1ms	25A/0.1ms	Max. transient current	0.5A/0.1ms	40A/0.1ms																
Max. transient current AC/DC version	0.5A/10ms	25A/0.1ms	Max. switch frequency	2.0 MHZ	200kHz																
Input			Input																		
Control voltage tolerance	Uc+20%	Uc+20% (115,230V:15%)	Polarity protection	Yes	Yes																
Max. input current at Uc 3-48V versions	15mA	15mA	Control Voltage tolerance	Uc+20%	Uc+20%																
Max. input current at Uc115-230V versions	3mA	3mA	Max control input current (at Uc)	10mA	10mA																
On /off level	80% / 10% of Uc	80% / 10% of Uc	On /off level	80% / 10% of Uc	80% / 10% of Uc																
Max. switching frequency DC (res.load)	~ 600Hz	~10Hz(110V ver. 5hZ)	Supply (U+/0V) / max. current	15-30VDC/15mA	15-30VDC/15mA																
Max. switching frequency AC/DC (res.load)	~5Hz	~5Hz																			
Wire size	Up to 10AWG		Wire size	Up to 10AWG																	
Control Voltage Uc	Order Numbers		Control Voltage Uc	Order Numbers																	
5VDC	EB-O1-5VDL	EB-O3-5VDL	5VDC (TTL)	EB-O6-5VDC	EB-O8-5VDC																
12VDC	EB-O1-12VDL	EB-O3-12VDL	12VDC	EB-O6-12VDC	EB-O8-12VDC																
24VDC	EB-O1-24VDL	EB-O3-24VDL	24VDC	EB-O6-24VDC	EB-O8-24VDC																
3VAC/DC	EB-O1-3VADL	EB-O3-3VADL																			
24VAC/DC	EB-O1-24VADL	EB-O3-24VADL																			
115VAC/DC	EB-O1-115VADL	EB-O3-115VADL																			
Other voltages available – please call																					