






Hutton Close, Crowther Ind Est, Washington, Tyne & Wear NE38 0AH, England  
<mailto:sales@isocom.uk.com> - Tel: +44 (0)191 4166546 - Fax: +44 (0)191 4155055

## Optical Switches: Darlington Output



[Optocouplers Catalogue](#)  
[Home Page](#)

### 400 H21B1-B3 300 H22B1-H22B3: Darlington Output

		Ic ON		Ic OFF		t ON	t OFF	Vce (Sat)	Vf (LED)	BVceo	BVeco	Ic	GAP	Charact.					
		Vce & If as shown; RI = 0		Vce as shown; If = 0		If=20mA RI=1K		Ic as shown	If as shown					Test Cond.					
Units		mA		V	nA	V	µs	V (sat)	mA	V	mA	V	mA	IN					
PKG1 	ISTS	MIN	TYP	If	Vce	TYP	Vce	TYP	TYP	MAX	Ic	MAX	If	MIN	MIN	MAX	NOM	ISTS	
	400	7.5	16	10	1.5	<100	25	45	400	1	1.8	1.7	60	30	7	100	0.125	400	
	H21B1		22															H21B1	
	H21B2		14															31	H21B2
H21B3	25		40															H21B3	
PKG2 	300	7.5	16	10	1.5	<100	25	45	400	1	1.8	1.7	60	30	7	100	0.125	300	
	H22B1		22															H22B1	
	H22B2		14															31	H22B2
	H22B3		25															40	H22B3

See also: [IS21-2](#), [IS110](#), [IS21000](#), [IS41000](#)

### 301 401: Darlington Output

		Ic ON		Ic OFF		t ON	t OFF	Vce (Sat)	Vf (LED)	BVceo	BVeco	Ic	GAP	Charact.				
		Vce & If as shown; RI = 0		Vce as shown; If = 0		If=20mA RI=1K		Ic as shown	If as shown					Test Cond.				
Units		mA		V	nA	V	µs	V (sat)	mA	V	mA	V	mA	IN				
PKG2 	ISTS	MIN	TYP	If	Vce	TYP	Vce	TYP	TYP	MAX	Ic	MAX	If	MIN	MIN	MAX	NOM	ISTS
	301	7.5	14	10	1.5	<100	25	45	400	1	1.8	1.7	60	30	7	100	0.125	301
401	401																	