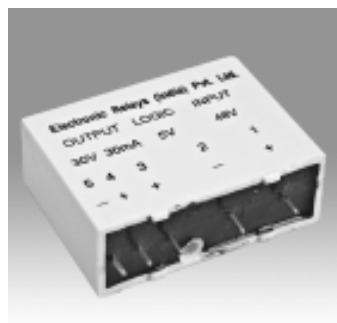
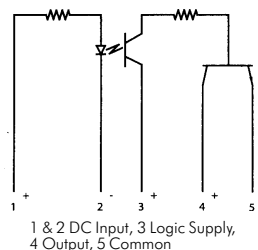
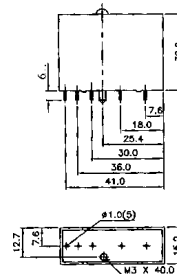




Schematic



Mechanical Drawing



Highlights

- Compatible to TTL and CMOS logic
- LED indication
- Industrial standard package with hold-down screw
- PCB Mountable
- Pins are polarised

Electrical Specification @ TA = 25°C

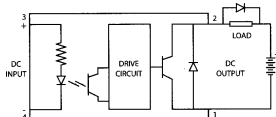
ELECTRICAL SPECIFICATIONS		PRODUCT PART NUMBERS	
		104 DI 032505	
Parameter	Units	Min	Max
Input On Voltage	VDC	3.0	32
Input Off Voltage	VDC	0.0	1.0
Allowable Input Current for Output Off-State	mA	0.0	0.25
Input Current at 5 VDC	mA	2	4.0
Frequency range	-	-	-
Input Resistance	Ohms	0.85	1.86
Isolation Voltage	V(RMS)	2500	
<i>Note : All voltages referenced to Pin 5</i>			

Breakdown voltage (Pin 5)	VDC	30	
Output Current (Pinn 4)	mA		25
On-State Voltage (Pin 4) (at 25 mADC)	VDC		0.4
Off-State Leakage (Pin 4) (at 30 VDC)	μA		100
Logic supply voltage (Pin 3)	VDC	3.5	6.0
Logic supply Current (Pin 3) No External LED	mA		8.0
Logic supply Current with External LED	mA		5.5
Turn-On Time	mS		5
Turn-Off Time	mS		5
Operating Temperature	°C	-30	80

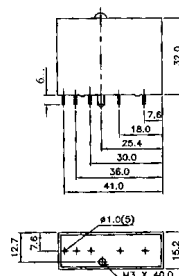
*Our policy is one of continuous development and specifications are subject to change without notice. Warranty is limited to a period of one year for relay value only.



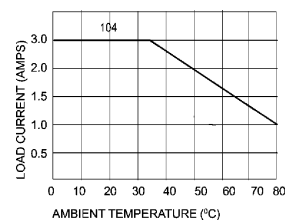
Schematic



Mechanical Drawing



Derating Curve



Highlights

- Compatible to TTL • Compatible to CMOS logic (optional) • LED indication • PCB Mountable • Pins are polarised • Industrial standard package with hold down screw

Electrical Specification @ TA = 25°C

ELECTRICAL SPECIFICATIONS		PRODUCT PART NUMBERS	
		104 DO 060300	
Parameter	Units	Min	Max
Input On Voltage	VDC	3.0	32
Input Off Voltage	VDC	-8.0	1.0
Input Current at 5 VDC	mA		13
Input Resistance	Ohms	270	580
Isolation Voltage	V(RMS)	2500	
Load Current at 45°C	A(RMS)	0.05	3.0
Load Voltage	VDC	3.0	60
Surge Current(1Sec)		5.0	A
Transient over-voltage	Vpk		600
On-State Voltage @ Rated Current	VDC		1.5
Off-State Leakage @ 60 VDC	mA		1
Turn-On Time	μS		200
Turn-Off Time	μS		750
Operating Temperature	°C	-30	80