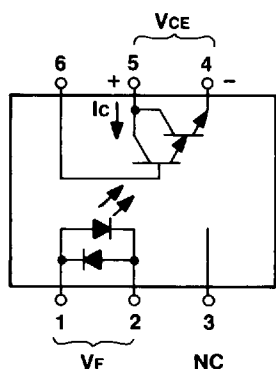
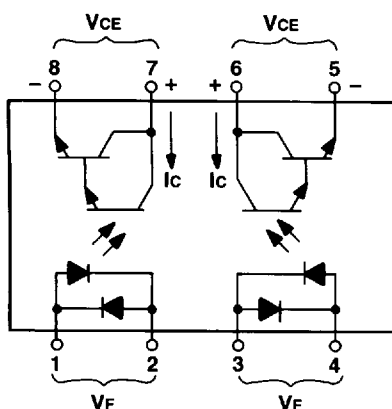


AUTOPOLARITY IRED INPUT, DARLINGTON OUTPUT

Single Channel



Base Lead to No. 6 Pin	Specified Input Current (I _F) mA	Current Transfer Ratio (CTR) min	Sustained Voltage [V _{CE(SUS)}] V min	(I _{CEO}) ¹ nA max	Isolation Current ² (I _{ISO}) nA max	Pulse Time (T _r , T _f) μsec max	Device Code Number
yes	2.0	7.5	60	100	100	100	4E ³
yes	0.1	2.0	12	100	100	200	4N
none	0.2	1.8	12	100	100	200	4H
none	1.0	4.0	30	200	100	—	9E ³



Dual Channel

Specified Input Current (I _F) mA	Current Transfer Ratio (CTR) min	Sustained Voltage [V _{CE(SUS)}] V min	(I _{CEO}) ¹ nA max	Isolation Current ² (I _{ISO}) nA max	Pulse Time (T _r , T _f) μsec max	Device Code Number
2.0	7.5	60	100	100	100	2A

Applications:

- ac signal monitoring
- Polarity reversing
- Voltage level shifting
- Telephone ring detector
- On/off hook detector

¹ Collector-Emitter Leakage Current² Specified at (V_{ISO}) = 2500V

³ UL recognized (File No. E86340).

Approvals can be obtained for other devices.