

# New Product Bulletin

## Tow-Pro Elite Brake Controller Diode

THE POWER OF

**REDARC**<sup>®</sup>



Part No: EPDK-001

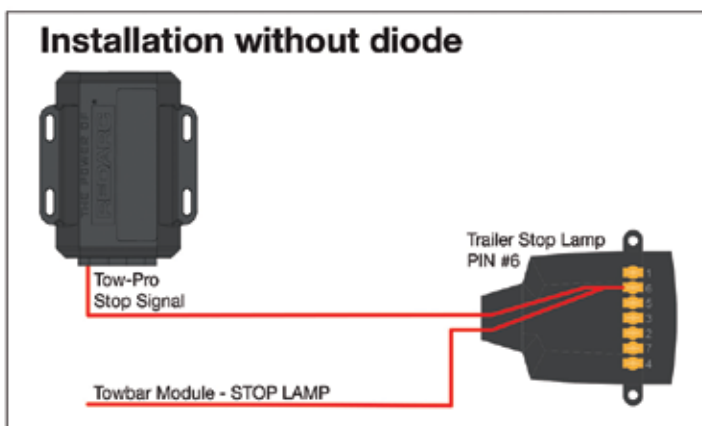
- **GENERAL PURPOSE DIODE**
- **ENCAPSULATED – SUITABLE FOR EXTERNAL USE**  
- WITH SEALED CONNECTIONS
- **7A CONTINUOUS CURRENT RATING** (AT 12V OR 24V)
- **WIDE OPERATING TEMPERATURE RANGE** (UP TO 85°C AMBIENT)
- **3-WIRE CONFIGURATION** (PREWIRED FOR CIRCUIT ADDITION)

REDARC have released an Encapsulated Power Diode (EPDK- 001). It is suitable for General Purpose use and rated at 7 Amps for both 12 and 24V applications. It is totally encapsulated with sealed connections.

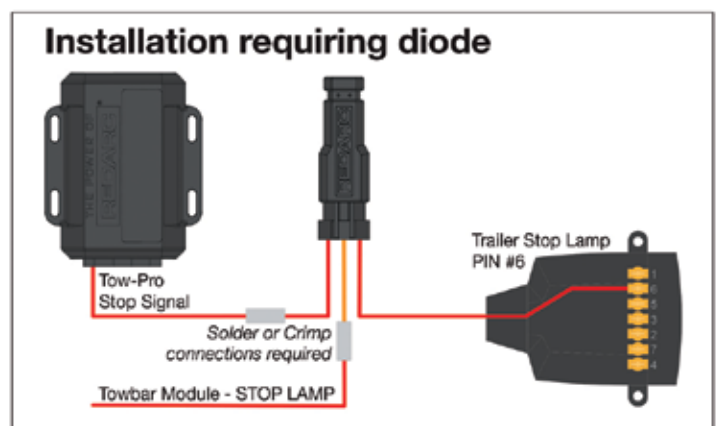
The EPDK-001 has been designed to fit in the Trailer Stop Lamp feed to support the installation of the Tow-Pro Electric Brake Controller on vehicles where 'back-feed' of 12V (during Tow-Pro Manual Override) may interfere with the vehicle systems. When installed correctly, the EPDK-001 ensures correct Trailer braking and Stop Lamp operation when the vehicle brakes or the Tow-Pro Manual Override is used.

It supports 12V and 24V applications capable of supporting a maximum continuous current of 7 Amps at a maximum ambient temperature of 85°C.

### Installation of the Diode on a Tow-Pro



For older vehicles, not supplied with driver aids  
e.g. Cruise, Traction or Stability Control, Brake/Throttle Override



For modern vehicles, equipped with driver aids & Advanced Safety Systems  
e.g. Adaptive Cruise Control, Assisted Emergency Braking and Autonomous Emergency Braking.