



FTR-K5 SERIES

Doubling up on capacity, cutting charging time in half



The FTR-K5 has a switching capacity of 32A@250VAC, operating ambient temperature of -40 to 105°C and coil to contact creepage distance of 8.8 mm meeting the IEC61810-1 enhanced isolation requirements (5000VAC) makes the relay an ideal solution for E-mobility.

Key Features

- Switching capacity 32A@250VAC
- Operating ambient temperature -40 to 105°C
- Coil to contact creepage distance 8.8 mm, this meeting the IEC61810-1 enhanced isolation requirements (5000VAC)
- 40A Max. continuous carrying current
- Available in plastic sealed and flux-free versions
- Manufactured under IATF16949 certification



More Power

The FTR-K5 relay is the latest contribution to the EV (electrical vehicles) and PHV (plug-in hybrid vehicles) components that Fujitsu Components has developed for its e-mobility customers. Among them are manufacturers of e-cars, e-trucks, e-boats, and other heavy-duty e-vehicles. Fujitsu's first automotive-grade e-mobility relay for charging applications was the FTR-K1 - a 3.3 kW relay suitable for 16A and 250VAC - which was released in 2017. The new FTR-K5 version extends the range to 6.6 kW or 32A at 250VAC, cutting charging times in half by doubling the load specifications.