

Connect Wiring System



9



Ideal for today's fast paced project requirements, the Connect Wiring System offers a simple to use solution that saves time and cuts the cost of installation, whilst providing future maintenance and flexibility benefits.

Each luminaire specified with the Connect system is fitted with an integral panel mounted socket. A pre-fabricated lead kit, consisting of a T-connector plus 3 or 5 metres of 4 core LSOH cable fitted with a connector at each end, rapidly links standard or emergency converted luminaires together. Future maintenance or reconfiguration is straightforward, with luminaires simply plugged in and out of the circuit. If time and cost is paramount, the Connect Wiring System is an indispensable option.

- Reduced installation time
- Plug and lead kits with T-connector
- LSOH cable as standard
- Safe, self locking connectors
- Suitable for standard and emergency converted luminaires

Materials

- Plug and T-connector - injection moulded thermoplastic material, finish black, with nickel plated brass contacts
- Cable - 4 core, 1.5mm² low smoke zero halogen (LSOH) sheathed, finished white

Installation Notes

- Panel mounted 4 pole male GST plug is fitted to each luminaire specified with Connect Wiring System
- Each luminaire is also fitted internally with a terminal block to facilitate mains power connection for start of run. Alternatively, a lead kit can be used to supply mains power from a proprietary connection box (by others)
- Pre-fabricated lead kits are available with 3m or 5m of cable, with GST 4 pole male and female connector plugs fitted at either end. Kit also contains a GST T-connector with 4 pole male connector input and 2 x 4 pole female connector outputs
- T-connector is plugged into socket on luminaire
- 3m or 5m lead is plugged into T-connector on first luminaire and linked to T-connector on next luminaire, etc
- T-connector and plug have self-latching lock mechanism to prevent accidental disconnection. Requires tool to unlatch
- The final luminaire on the circuit can have the lead plugged directly into the luminaire socket, or a T-connector can be fitted to aid future expansion
- T-connectors, plugs, sockets and cable are rated for a maximum load of 16A
- System components are rated to be plugged in or out under load

Options

- Suitable for use with compatible Eaton’s recessed fluorescent standard mains and emergency converted luminaires, as a standard option
- Connect Wiring for dimming or intelligent lighting systems are available on request. Contact our technical support and application department for details

System Components

- **Luminaires**
Compatible recessed fluorescent standard mains and emergency converted luminaires fitted with an integral panel mounted socket. To specify luminaires, add the suffix ‘CX’. A comprehensive list of luminaires suitable for use with the Connect Wiring System can be provided by contacting our technical support and application department
- **Plug and Lead Kit**
Interconnecting kit, comprising 3m or 5m x 4 core, 1.5mm² LSOH cable fitted with 2 plugs, plus T-connector

Specification

To specify state: Rapid fit, 4 pole luminaire wiring system, featuring panel mount socket fitted integral to luminaire and interconnecting lead kits, comprising LSOH cable with plug in connectors at each end plus luminaire T-connector for continuous wiring, with self latching lock mechanism, as Eaton’s Connect Wiring System, part no. _____

Catalogue Numbers

Description	Cat No	Weight (kg)
Connect System Accessories		
3m lead with 4 pole plugs and ‘T’ connector	CL43	0.45
5m lead with 4 pole plugs and ‘T’ connector	CL45	1.15

Connect lead with plugs and ‘T’ connector

