

Cabling System



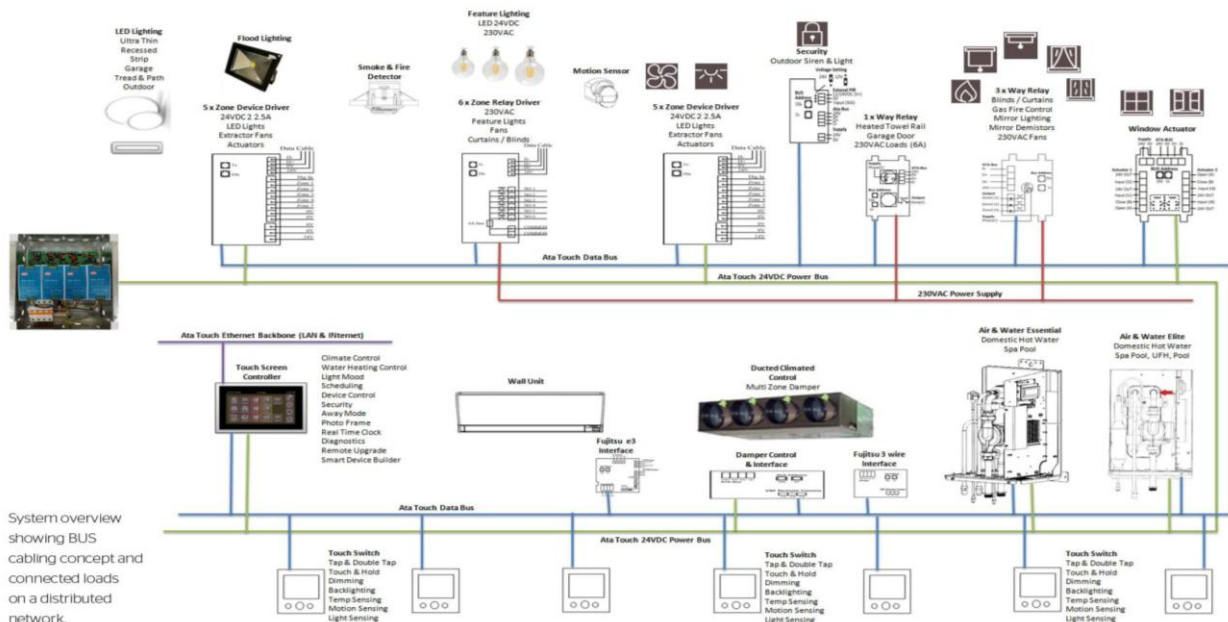
The Ata Touch cabling system uses distributed I/O philosophies to simplify the connections, minimise installation cost and time while maximising functionality.

Overview

The Ata Touch Cabling system consists of a single daisy chain four-wire data cable to connect all the smart devices to the Touch Screen Controller. Each device on the Ata Touch Bus has a unique address to allow data to be transferred to the correct device.

24VDC power is distributed in a similar manner with two to three Power Bus cables feeding multiple Device Drivers in a daisy chain fashion.

When 230VAC is required to be controlled for lights or devices these are power as normal from the distribution board.



System overview showing BUS cabling concept and connected loads on a distributed network.

Data Cable Specifications	
Part No.	ATA-2008-000
Type	UNITRONIC® LIYY (TP) - LAPP 35160 / 35170
Frequency	Low
Makeup	PVC DIN 47100 coded, flame retardant IEC 60332-1-2
Conductors	Flexible - four core - two twisted Pairs
Conductor Size	35160 - 0.25mm ² , 35170 - 0.5mm ²
Size	35160 - 5.7mm (O), 9.6kg/km (CI), 38kg/km (W) 35170 - 7.3mm (O), 19.2kg/km (CI), 72kg/km (W)

Ata Touch a division of TCS (NZ) Ltd
 34 The Boulevard, Te Rapa, New Zealand
 PO Box 20489, Hamilton 3241
 +64 7 849 7729
sales@atatouch.co.nz
www.atatouch.co.nz