

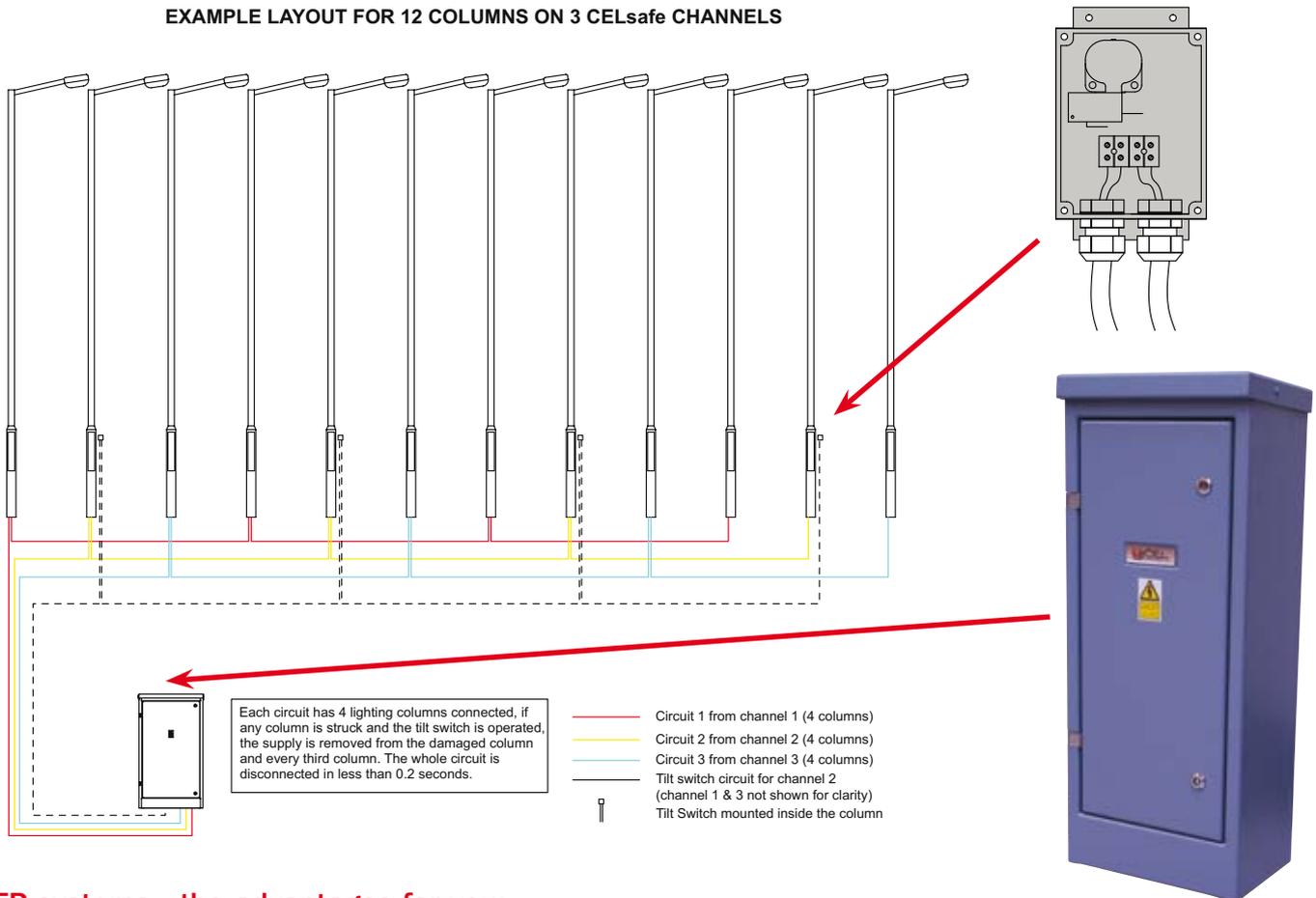
PASSIVE DISCONNECTION - CELsafe™

CEP 4

An above ground solution. All electrical control equipment is contained in a feeder pillar with each circuit having multiple columns connected, hence in a knock-down situation only the columns on the same circuit will be put out of light. This system provides easier and economical installation, ie, no underground chamber, and simpler reinstatement in the case of a knock-down.

Each column is fitted with a tilt switch which is wired back to a distribution board circuit in a nearby feeder pillar. As the sensor is an electro-mechanical device it draws no current. On impact the tilt switch activates causing the isolation device to operate, therefore switching off the electricity supply – within less than 0.4 seconds. A CELcom™ device can be installed in the feeder pillar which uses GPRS technology to send SMS and email notifications of a knock-down to multiple nominated mobile telephones and email addresses.

EXAMPLE LAYOUT FOR 12 COLUMNS ON 3 CELsafe CHANNELS



CEP systems - the advantages for you:

- ✓ Four systems available
- ✓ Meets requirements of BSEN 12767
- ✓ All options designed for low maintenance
- ✓ Simple and effective electrical disconnection as per regulations
- ✓ Separate IP box for protective devices
- ✓ Separate IP box for incoming cable termination
- ✓ Cable entry points in IP box protected with gel
- ✓ Proven operational success

Dimensions:

Ground Chamber – CEP1 - CEP3 300mm x 450mm (c/w B125 cover)

IP Box CEP1 – CEP3: H190mm x W190mm x D130mm

Feeder Pillar CEP4: size dependant on number of channels



Typical CEP4 Installation