

DX100 Lighting Control Unit



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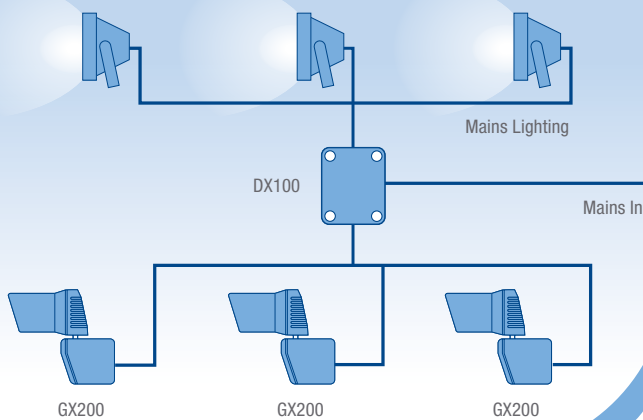


Product Overview

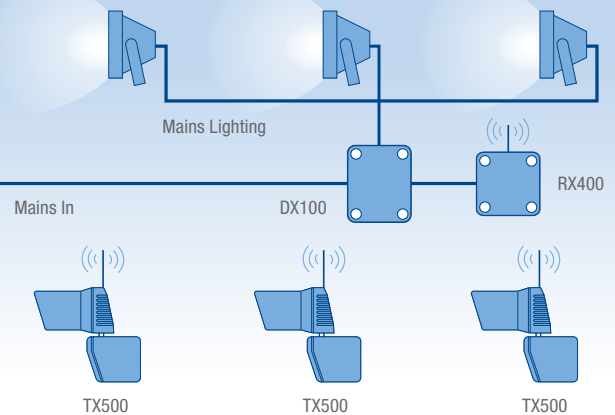
The DX100 is a single circuit lighting control unit with a high power switching relay for various lighting loads. It works in conjunction with GX200 wired low voltage external PIR detectors. Adding an RX400 wireless receiver to the system enables TX500 wireless PIR detectors to be used in addition or instead of GX200's.

The DX100 is mains powered and provides the 12 volts DC for the PIR detectors and/or radio receiver. Up to six GX200 detectors may be used with one control unit and are wired using low cost four core alarm cable up to a maximum length of 100 metres.

Example Installation For Wired



Example Installation For Wireless



For Use With DX100



GX200 Wired
PIR Detector



RX400 Single Zone
Wireless Receiver



TX500 Wireless
PIR Detector

For more information see separate datasheets

PC35 Timer Module - This 12 volt timer module has volt free change over relay contacts and an adjustable time between 5 seconds and 5 minutes.

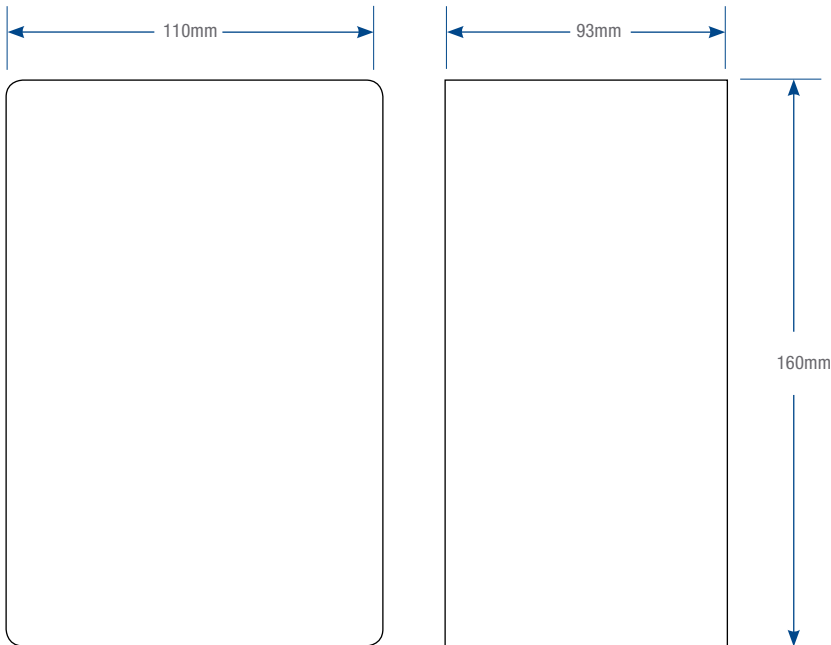
EX5 External Sounder - This waterproof IP65 sounder has a voltage working range from 9 volts DC to 28 volts DC.

PC35W Timer Module - This module has the same as the PC35 but has wires instead of a connector so that it can be used with other products.

EX3 Internal bleeper - This 12 volt bleeper has a built in timer to shut it off after a period of time.






Dimensions



Specifications

Supply	220–240VAC 50Hz
Output	12V DC 300mA
Max number of detectors	6
Type of cable	4 core 7/02 alarm or telephone cable
Max cable length	100 metres
Siting	For internal or external mounting.
Time setting	Adjustable 5 seconds to 15 minutes
Dusk/Dawn	Adjustable
Power switching	3KW resistive with 16 amp relay
Temperature range	-10 to +60°C
Weather Rating	IP66
Enclosure	Grey ABS plastic housing

Maximum loads

Resistive	16A 240VAC
Incandescent	3000W
Halogen lamps	1500W
LV halogen lamps	600W
Fluorescent lamps	450W (uncompensated)
LED lamp	450W
Energy saving lamps	300W (including CFL & PL)
Discharge lamps	A suitable contactor is recommended

