

Mains Connection and Control Switch Connection with External PSU (except Xvent & Skydoor2)

This is a fixed installation. All connections should be carried out by a competent person.
 This applies to all products with an external PSU **except** the Xvent (Drawing Ref. 100-SDD-UK-014) and Skydoor2 (Drawing Ref. 100-SDD-UK-015).

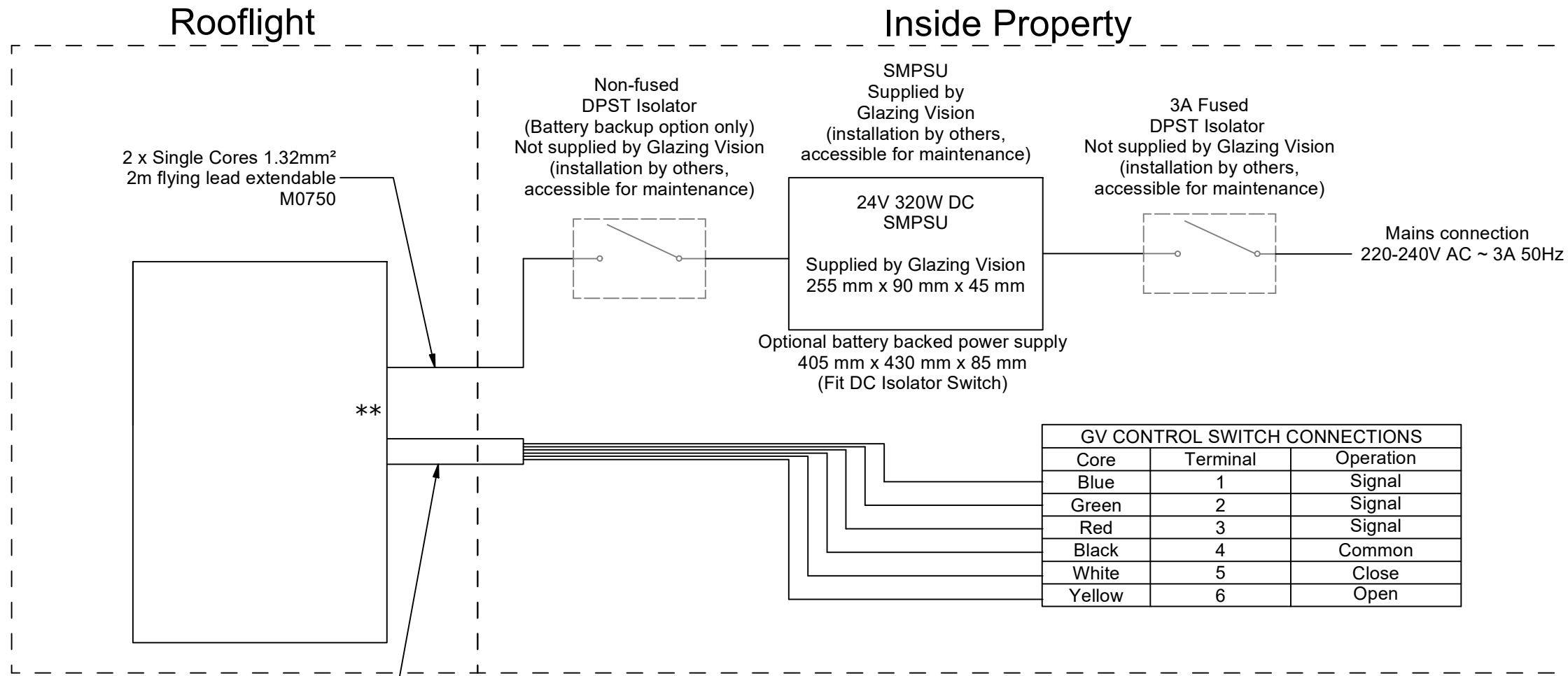
For units requiring commissioning, a mains supply must be available on site when the unit is installed. Additional visits may incur additional charges.

For maintenance reasons the control switch must always be installed.

All cables supplied at 2 m. PSU cores are extendable up to 10 metres using 2.5 mm² cores.

6 core cable extendable up to 50 metres using equivalent (0.22 mm²) cable.

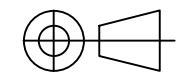
All optional items must be specified at time of order.



GV CONTROL SWITCH CONNECTIONS		
Core	Terminal	Operation
Blue	1	Signal
Green	2	Signal
Red	3	Signal
Black	4	Common
White	5	Close
Yellow	6	Open

OTHER CONNECTIONS	
Description	Drawing Number
Secondary Control Switch or BMS Connection	100-SDD-UK-004
Fire System Connection	100-SDD-UK-005
Digital Rain Sensor Connection (without Rain Sensor Override)	100-SDD-UK-006
Optical Rain Sensor Connection (without Rain Sensor Override)	100-SDD-UK-007
Digital Sensor with Rain Sensor Override Connection	100-SDD-UK-008
Optical Rain Sensor with Rain Sensor Override Connection	100-SDD-UK-009
Thermostat Connection	100-SDD-UK-010
Keypad Connection (Alpro E0678)	100-SDD-UK-011
Keypad Connection (Strikemaster E0102)	100-SDD-UK-012
Mains Connection and Control Switch Connection with Internal PSU	100-SDD-UK-013

**Cables exit from the underside of the product to be fed down through kerb cable hole at time of installation. Do not feed supply cables up through kerb cable hole prior to installation. See the kerb drawing for the exact exit position.



Third angle projection unless otherwise stated

THIS IS A STANDARD DRAWING. THE UNIT PURCHASED MAY VARY. THIS DRAWING DOES NOT INDICATE ACCURATE DIMENSIONS FOR ANY EXISTING STRUCTURAL COMPONENTS OR PRODUCTS.

DO NOT USE THIS DRAWING FOR ANY SITE LAYOUTS. ON-SITE PERSONNEL ARE RESPONSIBLE TO CONFIRM DRAWINGS VS SPECIFIC SITE CONDITIONS.

ESTIMATED WEIGHT	N/A	SCALE	Not to scale
------------------	-----	-------	--------------

REVISION	DESCRIPTION	NAME/DATE
-	Initial Release	HL 09/Dec/2020
B	Optional battery back up decreased size to 402x430x85mm	HTT 15/Apr/2024
C	DC Isolator Switch added	SS 10/Sept/2024
D	Cable notes updated	JOB 28 JAN 25

PROJECT
Universal Controller MA0106 Wiring Diagrams

TITLE / DESCRIPTION	CHECKED
Mains Connection and Control Switch Connection with External PSU (except Xvent and Skydoor2)	JSL

DRAWING NO.	SHEET
100-SDD-UK-003	1 OF 1