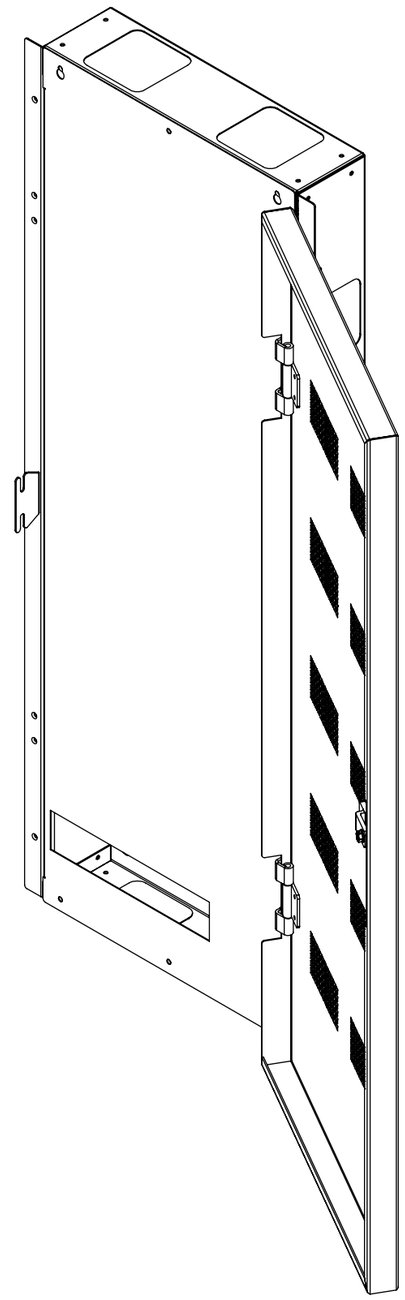
SPU40-24
SHADING POWER UNIT 40 WAY - 24V



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TECHNICAL SHEET
ISSUE 001
SHEET 1

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SPECIFICATION	MEASUREMENTS
Product Dimensions	1023mm (40.3") x 401mm (15.8") x 138.5mm (5.5")
Number of DIN Rails	1
Finish (Custom Available)	Lid - Black Textured Paint, Box - Galvanised Steel
Depth From Wall	141.5mm (5.6")
Wall Mount Type	6.5mm (0.26") Keyhole Slots
Shipping Dimensions	1140mm (50.4") x 550mm (21.7") x 240 (9.5")
Shipping Weight	18.0Kg (40lbs)

Electrical Supply Specification:
· Voltage: 85 - 264VAC
· Frequency: 47 - 64Hz
· Power Factor: Each supply - PF>0.95/230VAC / PF>0.99/115VAC (At Full Load)
· Current: 16A/115VAC / 8A/230VAC Max
· Power Max: 1760W
· Supply: Suitable Protected Supply 16A 120V / 8A 230V (See Relevant Local Wiring Regulations)

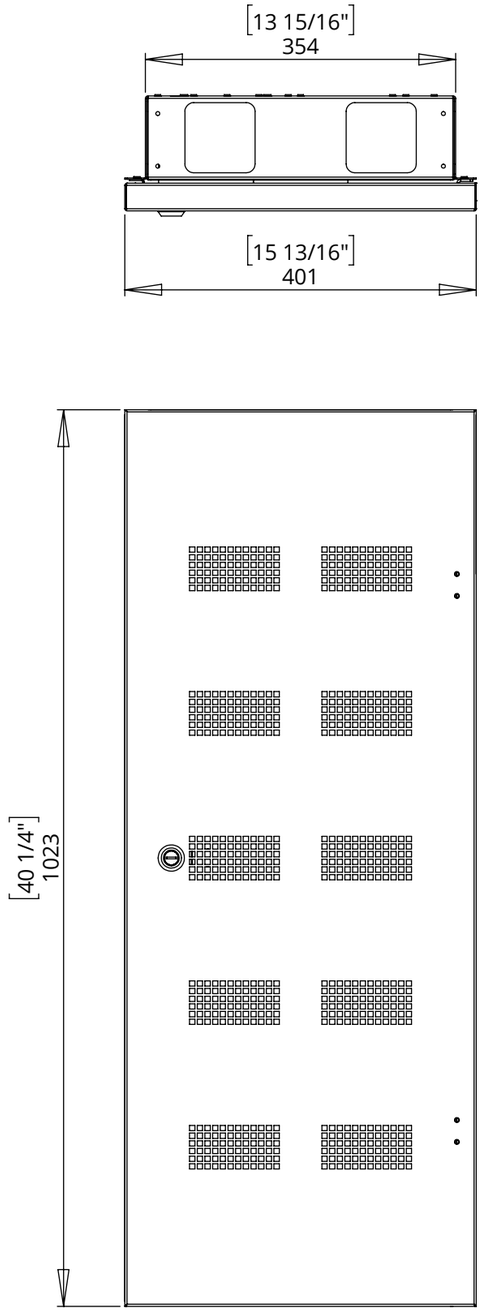
Electrical Supply Wiring Specification:
· 1.0 - 4.0 mm² (18 - 10 AWG) solid or stranded
· 3 x Feed Through Terminal Block
    o LIVE (Brown) - 1.0 - 4.0 mm² (18 - 10 AWG), solid or stranded cable
    o NEUTRAL (Blue) - 1.0 - 4.0 mm² (18 - 10 AWG), solid or stranded cable
    o EARTH (Yellow/Green) - 1.0 - 4.0 mm² (18 - 10 AWG), solid or stranded cable

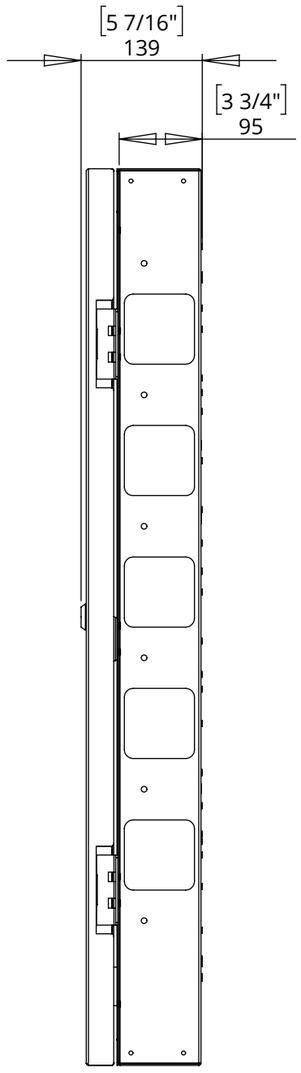
Electrical Output Specification:
· Voltage: 22.8 - 25.2VDC
· Current: 8.4A
· Rated Power: 201.6W
· Power Per Output: 20W Typical
· Fuse: 3.15A T 5x20mm

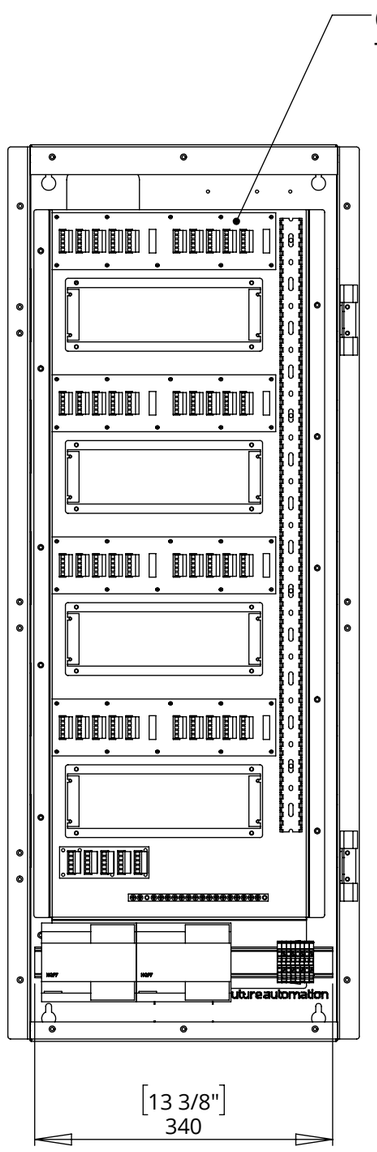
Electrical Output/Data Wiring Specification:
· 0.5 - 4.0 mm² (22 - 14 AWG), solid or stranded wire (see below)
· 10 x 5-pin phoenix terminal for shade motor power & data passthrough
    o PIN1 (COM) - 1.0 - 4.0 mm² (18 - 12 AWG) solid or stranded
    o PIN2 (VE+) - 1.0 - 4.0 mm² (18 - 12 AWG) solid or stranded
    o PIN3 (MUX) - 0.5 mm² (22 AWG) twisted/shielded pair
    o PIN4 (MUX BAR) - 0.5 mm² (22 AWG) twisted/shielded pair
    o PIN5 (GRND/DRN) - 0.5 mm² (22 AWG) twisted/shielded pair

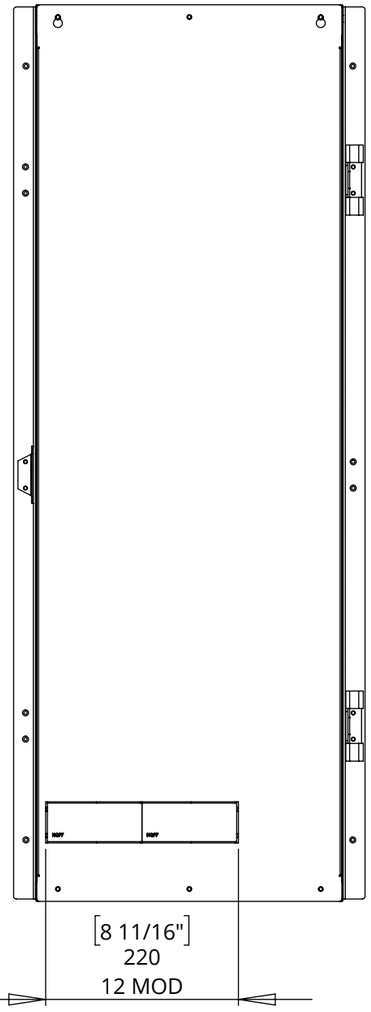
· 1 x 5-pin phoenix terminal for shade motor data input
    o PIN1 (NOT USED)
    o PIN2 (NOT USED)
    o PIN3 (MUX) - 0.5 mm² (22 AWG) twisted/shielded pair
    o PIN4 (MUX BAR) - 0.5 mm² (22 AWG) twisted/shielded pair
    o PIN5 (GRND/DRN) - 0.5 mm² (22 AWG) twisted/shielded pair

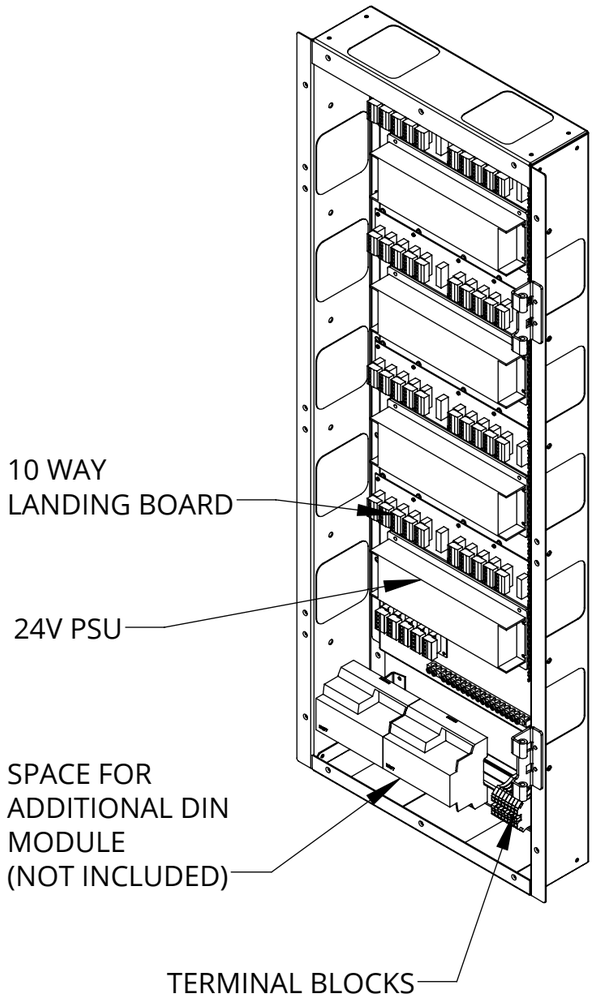
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SHEET 3