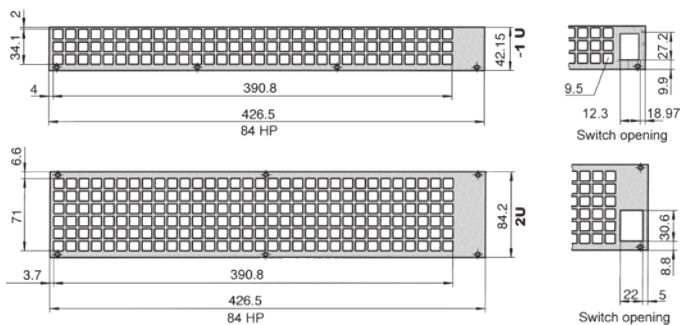




6.3.2 Fan Front Panels

6.3.2.1 Fan Front Panel 84 HP for Vertical Ventilation

- Fan front panels are flat, perforated and designed to ensure an optimum air flow rate
- Available with or without switch cut-out (switch opening 1 U = 12.3 x 27.2 mm / 2 U = 22 x 30.6 mm)
- Aluminium 2.5 mm, clear anodised (non-conductive)
- **Scope of delivery:**
 - 1 perforated fan front panel
- Front panel screws see below
- On-off switch see below



6.3.2.1 Fan Front Panel 84 HP for Vertical Ventilation

Description	Height	Air passage		Part-No.
		mm ²	sq. inch	
Without switch opening	~ 1 U	8664	13.42	21N084-01
With switch opening	~ 1 U	8664	13.42	21N084-02
Without switch opening	2 U	17328	26.85	21N284-01
With switch opening	2 U	17328	26.85	21N284-02

Front Panel Screws

- Set of 10 screws
- With screw retainer
- Fan front panel ~1 U = 4 screws; 2 U = 6 screws

Description	Part-No. 10 pcs.
Torx screws M2.5 x 11.3, size T8, with plastic screw retainer	63K159
Rounded head screws recessed M2.5 x 11.3, with plastic screw retainer	63-159

On-Off Switch

- Black body, plastic
- 2 pole
- 250V, 16A
- Quick-connect terminal 6.3 x 0.8 mm
- Cut-out for 4426-00: 22 x 30.6 mm (0.87" x 1.20")
- Cut-out others: 12.3 x 27.2 mm (0.48" x 1.07")

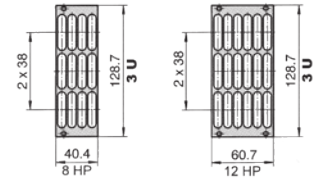
Description	Part-No.
On-off switch, indicator light green	69-410-04
On-off switch, without signal light	69-410-09



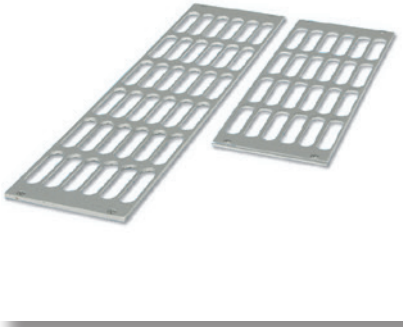
6: Ventilation

6.3.2.2 Fan Front Panel for Horizontal Ventilation

- Aluminium 2.5 mm, clear anodised (non-conductive)
- Scope of delivery:**
 - 1 perforated fan front panel
- Front panel screws see below



6.3.2.2 Fan Front Panel for Horizontal Ventilation



Height	Width	Air passage		Part-No.
		mm ²	sq. inch	
3 U	8 HP	3195	4.95	21N308-01
	12 HP	4793	7.42	21N312-01

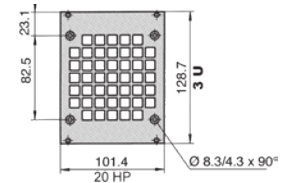
Front Panel Screws

- Set of 10 screws
- With screw retainer
- Fan front panel width up to 8 HP = 2 screws; ≥ 12 HP = 4 screws

Description	Part-No. 10 pcs.
Torx screws M2.5 x 11.3 , size T8, with plastic screw retainer	63K159
Rounded head screws recessed M2.5 x 11.3, with plastic screw retainer	63-159

6.3.2.3 Fan Front Panels for Direct Fan Mounting

- Aluminium 2.5 mm, clear anodised (non-conductive)
- Scope of delivery:**
 - 1 perforated fan front panel
- Front panel screws see below
- Assembly material for fan mounting see below



6.3.2.3 Fan Front Panels for Direct Fan Mounting

Description	Height	Width	Air passage		Part-No. 10 pcs.
			mm ²	sq. inch	
Without switch opening	3 U	20 HP	4051	6.27	21N320-04

Front Panel Screws

- Set of 10 screws
- With screw retainer
- Per front panel 4 screws are needed

Description	Part-No. 10 pcs.
Torx screws M2.5 x 11.3 , size T8, with plastic screw retainer	63K159
Rounded head screws recessed M2.5 x 11.3, with plastic screw retainer	63-159

Assembly Material for Fan Mounting

Description	Part-No.
Countersunk screw, recessed M4 x 10	5342-10
Hexagonal nut M4, 0.8D	5620-51
Countersunk self-tapping screw cross.recessed, 13 mm	5441-55

6.3.3 Air Baffle Cover

- When 84 HP fan modules are used, an air baffle cover can be fitted to regulate the cooling air flow and ensure maximum dissipation of the heat generated by the electronic devices.
- The air baffle cover is fixed to the internal extrusions by means of 4 screws.
- The air supplied to the printed PCBs (160 and 220 mm deep) above the baffle plate is regulated by opening or closing the vanes.
- To optimise the cooling air flow, a cover panel can be fitted to the back of the fan assembly. This will prevent internal air circulation.



6.3.3 Air Baffle Cover

- **Scope of delivery:**
 - 1 air baffle cover
- Assembly material see below

Description	Card Depth		Part-No.
	mm	inch	
Air baffle cover	160	6.29	27-290
Air baffle cover	220	8.66	27-291

6.3.3.1 Assembly Material

Description	Part-No.
Torx cylinder head earthing screw M3 x 6, size T10	5443-04
Cross recessed milled edge earthing screw M3 x 6	61-283