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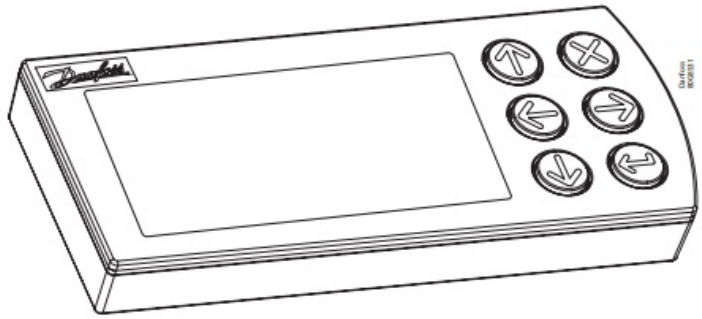
Danfoss

Danfoss 80G6016 Programmable Controller

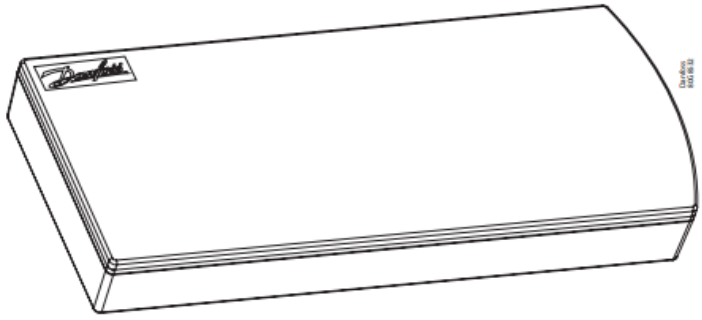
Specifications

- Product: Danfoss 80G8527
- Model: AS-UI Snap-on
- Dimensions:
  - Width: 105mm
  - Height: 44.5mm
  - Depth: 13.2mm

Identification

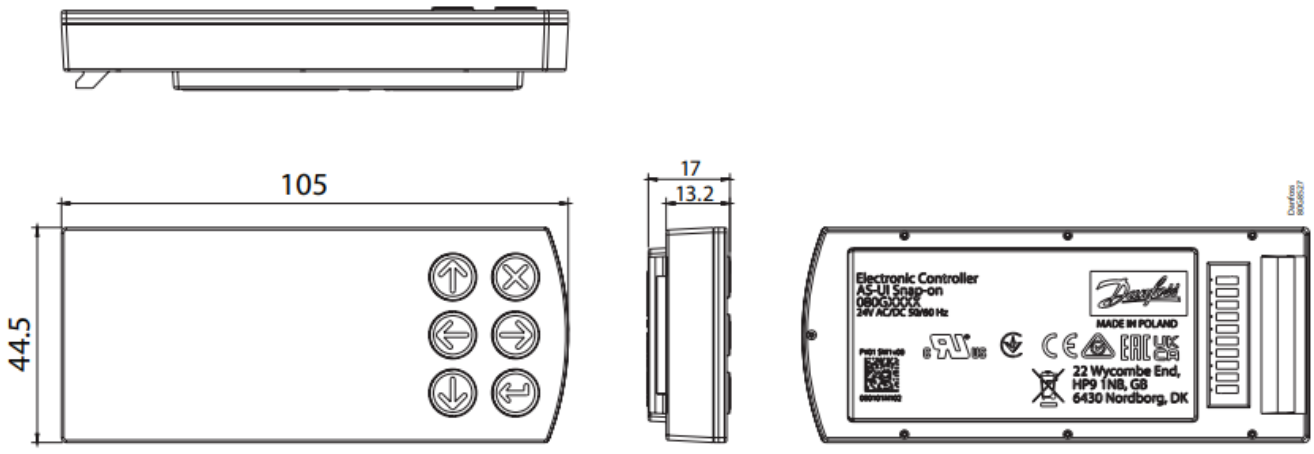


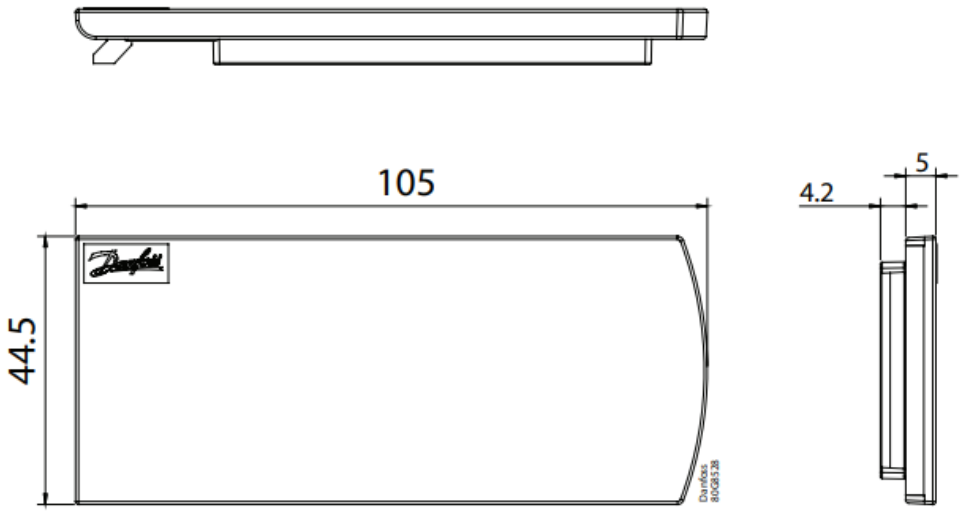
AS-UI Snap-on: 080G6016



AS-UI Cover Kit: 080G6018

Dimensions

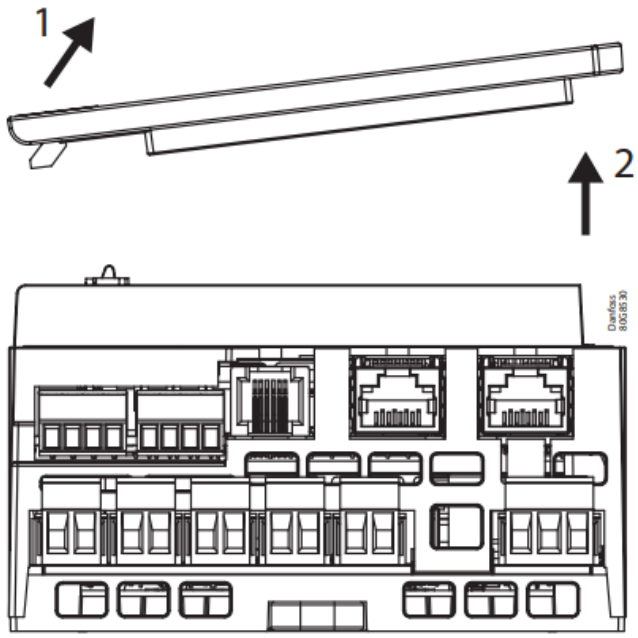




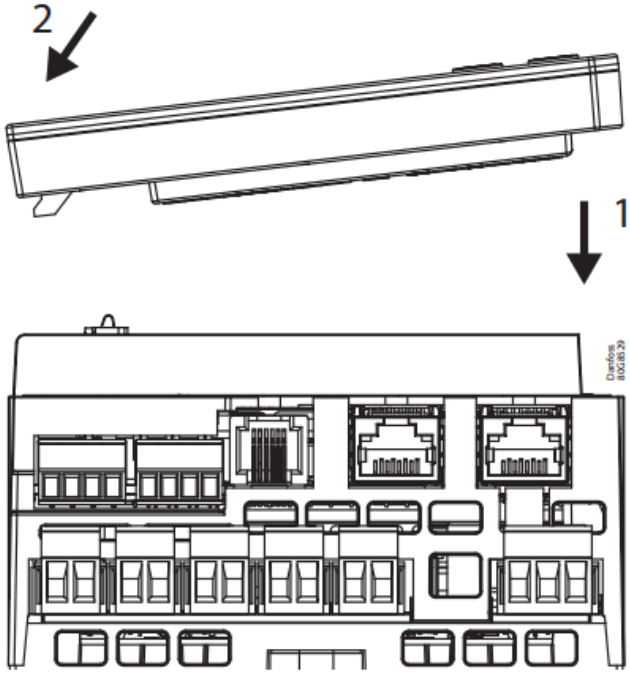
Mounting

Replacement of the display/cover with the cover/display

Remove the display/cover as shown in the figure, first lifting the right side (point 1 in the figure), applying a slight upward force to overcome the magnetic attraction between the display/cover and controller and then releasing the left side (point 2 in figure).



Mount the cover/display as shown in the figure, first hooking the left side (point 1 in the figure) and then lowering the right side (point 2 in the figure) until the magnetic connection between the display/cover and controller is established.



Technical data

Electrical data	**Value**
Supply voltage	From the main controller
Function data	**Value**
Display	• Graphical LCD black and white transmissive • Resolution 128 x 64 dots • Dimmerable backlight via software
Keyboard	6 keys individually managed via software
Environmental conditions	**Value**
Ambient temperature range, operating [°C]	-20 to +60 °C
Ambient temperature range, transport [°C]	-40 to +80 °C
Enclosure rating IP	IP40

Relative humidity range [%]	5 – 90%, non-condensing
Max. installation height	2000 m

Installation considerations

Accidental damage, poor installation, or site conditions can give rise to malfunctions of the control system, and ultimately lead to a plant breakdown.
Every possible safeguard is incorporated into our products to prevent this. However, a wrong installation could still present problems. Electronic controls are no substitute for normal, good engineering practice.
Danfoss will not be responsible for any goods, or plant components, damaged as a result of the above defects. It is the installer's responsibility to check the installation thoroughly, and to fit the necessary safety devices.
Your local Danfoss agent will be pleased to assist with further advice.
Avoid carrying AS-UI Snap On in clothing pockets due to magnet component; keep it in a safe distance from the heart pacemaker.

Certificates, declarations, and approvals

Mark(1)	**Country**
CE	EU
cURus (UL file E31024)	NAM (US and Canada)

The list contains the main possible approvals for this product type. Individual code number may have some or all of these approvals, and certain local approvals may not appear on the list.
Some approvals may be still in progress and others may change over time. You can check the most current status at the links indicated below.

EU declaration of conformity can be found in the QR code.

Information about usage with flammable refrigerants and others can be found in Manufacturer Declaration in the QR code.

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FAQ

- **Q: Where can I find certificates, declarations, and approvals for the product?**
  A: The CE cURus mark is present on the product with approvals for EU and NAM countries. You can find the EU declaration of conformity in the QR code provided.
- **Q: How can I get further assistance with installation or usage?**
  A: Your local Danfoss agent will be able to provide you with additional advice and support regarding installation and product usage.

Documents / Resources

	Danfoss 80G6016 Programmable Controller [pdf] Installation Guide 80G6016, 080R6007, 080G6018, 80G6016 Programmable Controller, Programmable Controller, Controller

References

- User Manual

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080G6018, 080R6007, 80G6016, 80G6016 Programmable Controller, controller, Danfoss, Programmable Controller

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