

CHECK LIST FOR EGLAS OFFER/ORDER

1. COMPANY / PROJECT NAME / SHIPMENT TO COUNTRY:

2. DESTINATION PLACE OF GLASS INSTALATION: _____

3. POWER SUPPLY VOLTAGE *:

220/230V AC

110/120V AC

Other, please define: _____

*obligatory point for preparation an offer and for final order,

4. POWER SUPPLY NETWORK, ELECTRIC POWER AVAILABLE*:

1 Phase

3 Phases (Required for project power greater than 5750W)

Enter the customer's available electric power [W] or [A]: _____

* example of calculation of the required electric power for EGLAS on the last page,

5. APPLICATION

Façade

Roof

Window

Door

Veranda

Floor

Swimming pool

Other, please define: _____

6. INSTALLATION TYPE

4-sides framed (recommended)

Vertical edges frmaed, horizontal edges visible

Vertical edges framed, horizontal edges visible

Other (for example structural glazing), please define: _____*

*Please send drawings

7. EGLAS FUNCTION

Anti-condensation (50-150 W/m²)

For special applications with high humidity such as: swimming pool, cold room, sauna, zoo, bathrooms, laundries, dryers, orangery, etc. Enter the following parameters:

Water vapor condensation: inside or outside, inside temperature ° C, outside temperature ° C, humidity in the room [%], number of rooms with EGLAS [pcs.], for special applications, the power must often be higher than the standard 150W / m2.

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Comfort heating (80-250 W/m²)

the number of rooms with EGLAS [pcs], is any other type of heating installed, year of building year,

Main heating/additional heating system*(100-350 W/m²)

the number of rooms with EGLAS [pcs], is any other type of heating installed, year of building year,

Snow melting (350-600 W/m²)

Type of roof: single-sided or multi-sided?, Glass mounting system in the frame

*Please determine requested heating power – if known (needed for final order): _____

8. GLASS COMPOSITION

Double glazed unit

Triple glazed unit

Single laminated glass

SUGGESTED COMPOSITION:

9. QUANTITIES AND DIMENSIONS:

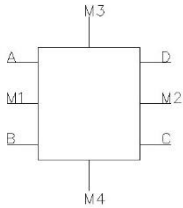
Ref	Width [mm]	Height [mm]	Pieces	Cable exit (obligatory for final order)	Remarks

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10. THE CABLES EXIT, VIEW FROM OUTSIDE* – STANDARD M3

- Possibilities of the cables exit for IGU:

A, B, C, D. 150mm from the closest corner
M1, M2, M3, M4 from the middle of the side



* For other options of the cables exit, please send drawings.

- In the case of laminated glass, the cable exits will be placed according to the electrical calculations depending on the placement of the electrodes,

11. ATTENTION! STANDARD LENGTH OF CABLE EXIT IS 200 MM.

ADDITIONAL QUANTITY OF THE EXTENSION CABLE:

length 5 m – quantity _____ piece(s)

length 10 m – quantity _____ piece(s)

length 20 m – quantity _____ piece(s)

12. PROJECT DETAILS WITH EGLAS (Please send drawings)*

* drawings will allow to calculate the necessary number and types of accessories

SCHEME OF FACADE/WINDOWS/ROOF/FLOOR/PARTITIONS (with information of rooms layout)

13. ACCESSORIES *(fill if known/specified in project)*

- Wall mounted thermostat. Glazing surface and room temperature control (DEVIREG TOUCH)
- Wall mounted thermostat. Glazing surface and room temperature control (DEVIREG SMAT)
- Thermostat mounted in electrical cabinet. Glazing surface temperature control (DEVIREG 330)
- Transformer (please specify output voltage if known: _____)
- Snow detector ENSTO ECO 900
- Lead cover ASSA ABLOY EA280/281
- No information at this stage

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14. OPTIONALLY

- Electrical plan design
- Available power on site for electrical supply: _____

15. CALCULATION OF THE REQUIRED ELECTRICAL POWER FOR THE PROJECT:

$P_{Total} [W] = Area [m^2] * Power (top\ range\ of\ the\ selected\ function\ from\ point\ 7) [W/m^2]$.

Example: for the function thermal comfort, EGLAS surface 33m².

$$P_{Total} [W] = 33 [m^2] * 250 [W/m^2] = 8250 W$$

$$I_{Total} [A] = P_{Total} [W] / 230 [V] = 35.87 A$$