

Thermal insulation for control cabinets

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Thermal insulation of control cabinets consists in insulating all walls of the housing with insulating material that reduces the permeability of heat ($<0.045 \text{ W/mK}$). The application of thermal insulation helps to reduce costs associated with heating the interior in winter and cooling it in summer.

We offer thermal insulation in a PREMIUM and ECO version, distinguishing between the RSA, SZA and RSB, SMS, SZS types.

BENEFITS OF THERMAL INSULATION

- heating cost savings
- protection against adverse environmental conditions (frost, solar radiation)

THERMAL INSULATION IN THE PREMIUM VERSION

- double cladding of the housing (outer wall and inner wall)
- insulating wool fill with a thickness of 20 mm between the walls
- sealant fill of unplugged inside edges
- aesthetic design
- aesthetic design of the control cabinet both on the outside and inside
- durable insulation for years to come
- professional execution

THERMAL INSULATION IN THE ECO VERSION

- single cladding of the housing
- black insulation mat bonded to each surface inside the cabinet (thickness of 20 mm)
- significantly cheaper than the PREMIUM insulation

SELECTION OF THERMAL INSULATION

The cost of thermal insulation depends on the size of the cabinet, in which it is to be installed. Normally, a surface area formula is used i.e.: $2 \times (A \times B + A \times C + B \times C)$, where: A=housing width, B=housing height, C=housing depth. After calculating the surface area, a proper catalogue number must be matched. The unit of measurement is square metre and the prices also refer to 1 square metre. Thermal insulation should

be ordered together with the cabinet in which it is to be used.

GALERIA PRODUKTU WRAZ Z PRZYKŁADOWYMI REALIZACJAMI



TERMOIZOLACJA PREMIUM

PRZYKŁADOWA REALIZACJA
EXEMPLARY OF IMPLEMENTATION

Radiolex



TERMOIZOLACJA EKO

PRZYKŁADOWA REALIZACJA
EXEMPLARY OF IMPLEMENTATION

Radiolex

TA - Thermal insulation for the RSA, SZA housings

Lp.	Description	Catalogue No.
1	TA-20-ST PREMIUM thermal insulation for RSA, SZA - 7035_GS painted metal sheet + 20 mm wool and sealant	815-001
2	TA-40-ST PREMIUM thermal insulation for RSA, SZA - 7035_GS painted metal sheet + 40 mm wool and sealant	815-002
3	TA-20-OH PREMIUM thermal insulation for RSA, SZA - 1.4301 (AISI 304) stainless steel + 20 mm wool 20 and sealant	815-003
4	TA-40-OH PREMIUM thermal insulation for RSA, SZA - 1.4301 (AISI 304) stainless steel + 40 mm wool 20 and sealant	815-004
5	TA-20-KO PREMIUM thermal insulation for RSA, SZA - 1.4404 (AISI 316L) stainless steel + 20 mm wool and sealant	815-005
6	TA-40-KO PREMIUM thermal insulation for RSA, SZA - 1.4404 (AISI 316L) stainless steel + 40 mm wool and sealant	815-006
7	TA-20-EKO ECO thermal insulation for RSA, SZA - 20 mm black rubber mat	815-007

TB - thermal insulation for the RSB, SMS, SZS housings

Lp.	Description	Catalogue No.
1	TB-20-ST PREMIUM thermal insulation for RSB, SZB, SZS - 7035_GS painted metal sheet + 20 mm wool and sealant	815-101
2	TB-40-ST PREMIUM thermal insulation for RSB, SZB, SZS - 7035_GS painted metal sheet + 40 mm wool and sealant	815-102
3	TB-20-OH PREMIUM thermal insulation for RSB, SZB, SZS - 1.4301 (AISI 304) stainless steel + 20 mm wool 20 and sealant	815-103
4	TB-40-OH PREMIUM thermal insulation for RSB, SZB, SZS - 1.4301 (AISI 304) stainless steel + 40 mm wool 20 and sealant	815-104
5	TB-20-KO PREMIUM thermal insulation for RSB, SZB, SZS - 1.4404 (AISI 316L) stainless steel + 20 mm wool and sealant	815-105
6	TB-40-KO PREMIUM thermal insulation for RSB, SZB, SZS - 1.4404 (AISI 316L) stainless steel + 40 mm wool and sealant	815-106
7	TB-20-EKO ECO thermal insulation for RSB, SZB, SZS - 20 mm black rubber mat	815-107