



Saves Your Energy

# Technical information

## Ensto Cubo enclosures

Enclosure series	Cubo S		Cubo D		Cubo O		Cubo C	Cubo W	Cubo M	Cubo N	Cubo H
Material	PC	ABS	PC	ABS	PC	ABS	PC	PC	GRP	GRP	AL
Enclosure side types	Plain sides, metric and Pg knockouts	Plain sides	Plain sides	Plain sides	Plain sides, metric knockouts	Plain sides	Flange knockouts	Plain sides	Plain sides	Plain sides	Plain sides
Minimum size (mm)	75 x 125 x 35		53 x 55 x 36		200 x 200 x 132		200 x 200 x 132	200 x 200 x 132	75 x 80 x 55	250 x 300 x 140	50 x 45 x 30
Maximum size (mm)	175 x 250 x 150		230 x 300 x 111		400 x 600 x 187		400 x 600 x 187	400 x 600 x 187	400 x 405 x 120	600 x 800 x 300	310 x 601 x 180
Degree of protection	IP66, IP67	IP66, IP67	IP66, IP67	IP66, IP67	IP66, IP67	IP66, IP67	IP66, IP67	IP66, IP67	IP66	IP66	IP66
Impact resistance	IK08 (-25 °C...+35 °C)	IK07 (+35 °C) IK06 (-25 °C)	IK08 (-25 °C...+35 °C)	IK07 (+35 °C) IK06 (-25 °C)	IK08 (-25 °C...+35 °C)	IK07 (-25 °C)	IK08 (-25 °C...+35 °C)	IK08 (-25 °C...+35 °C)	7 Nm	IK10 <sup>12</sup>	7 Nm
Environmental type (UL / cUL)	4, 4X, 6, 12	N/A	4, 4X, 6, 12, 13	N/A	4, 4X, 12, 13	N/A	4, 4X, 12, 13	4, 4X, 12, 13	N/A	N/A	N/A
Continuous operating temperature	-40 °C... +80 °C	-40 °C... +60 °C	-40 °C... +80 °C	-40 °C... +60 °C	-40 °C... +80 °C	-40 °C... +60 °C	-40 °C... +80 °C	-40 °C... +80 °C	-40 °C... +110 °C	-40 °C... +80 °C	-40 °C... +110 °C
Flammability	UL 746C (5 inch flume)	N/A	UL 746C (5 inch flume)	N/A	UL 746C (5 inch flume)	N/A	UL 746C (5 inch flume)	UL 746C (5 inch flume)	N/A	UL 746C (5 inch flume)	N/A
Flammability, material	UL 94 V-2 / 5VA	UL 94 HB	UL 94 V-2 / 5VA	UL 94 HB	UL 94 V-2 / 5VA	UL 94 HB	UL 94 V-2 / 5VA	UL 94 V-2 / 5VA	N/A	960 °C	N/A
Glow wire test	850 °C	650 °C	850 °C	650 °C	850 °C	650 °C	850 °C	650 °C			

### Material:

PC = polycarbonate

ABS = acrylonitrile butadiene styrene

GRP = glass reinforced polyester

AL = aluminium

N/A = No information available

<sup>1)</sup> Models with two doors: IP55

<sup>2)</sup> Models with polycarbonate window: IK07 (-5 °C...+80 °C)