

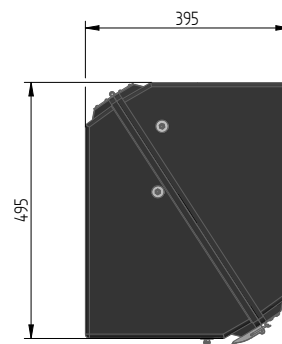
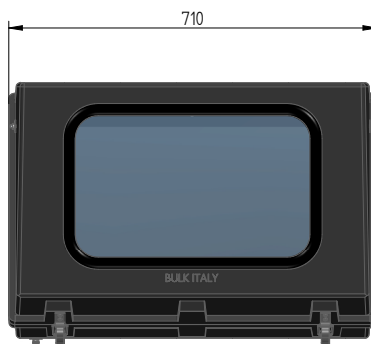
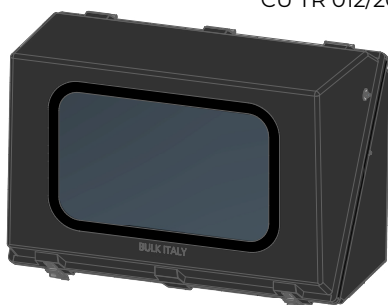
**bulk**

MADE IN ITALY

GRP ENCLOSURES

INSTRUMENT ENCLOSURE SERIE IEN

700N2 SERIE IEN

MODEL: 700N2ATEX 2014-34-UE
CU TR 012/2011**Technical characteristics**

- Instrument protection enclosure made in hot pressed GRP (Glassfibre Reinforced Polyester)
- Antistatic material (surface resistance $\leq$ of $10^9 \Omega$)
- External dimension in mm:
710 (width) x 395 (depth) x 495 (height)
- Minimum thickness 5 mm
- Hinges, clasps and lid propstay made in stainless steel

- Window made in safety glass
- Gasket made in EPDM or Silicone
- Working temperature range:
EPDM gasket: $-40^\circ\text{C} + 80^\circ\text{C}$
SILICONE gasket: $-60^\circ\text{C} + 80^\circ\text{C}$
- Black color

Protection degree

- IP 66 construction
- IK10 construction in according to EN 62262:2002
- Positively tested to Impact test at -60°C
CEI EN 60811-506

Resistant to most corrosive types of environments

- UV resistant in according to EN 60079
- Positively tested Sand and Dust
Procedure II - Blowing sand in according to MIL-STD-810G METHOD 510.5
- Positively tested to Salt Mist Corrosion
- Positively tested in wind tunnel up to 160 km/h

Hardly inflammable and self-extinguishing

- "V-0" classification in according to UL 94 June 2009
- Determination of burning behavior by oxygen index in according to UNI EN ISO 4589-2: 30,5% Oxygen Index
- Classification of fire behavior in according to DIN 4102-1:1998: CLASS B2

Conformity to hazardous area directive:

- ATEX 2014-34-UE
II 2G Ex h IIC T6 ..T3 Gb X
II 2D Ex h IIIC T85°C..T200°C Db X
- CU TR 012/2011
II Gb IIC T*X
III Db IIIC T*°C X

IMPORTANT NOTE: EX certifications cover only the enclosure, any product installed inside must be certified for hazardous area

Options/accessories:

- thermal insulation
- electrical heater and thermostat
- junction box
- shrinkable
- louvres
- cable gland
- grommet
- bulkhead union
- capillary entry
- TAG label
- lockable door
- drain device
- earth bar
- handle

GRP ENCLOSURES

INSTRUMENT ENCLOSURE SERIE IEN

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HOW TO ORDER:

ENCLOSURE SERIE	GASKET TYPE	MATERIAL	WINDOW	INSULATION	TYPICAL ASSEMBLY	MOUNTING BRACKET MATERIAL	CERTIFICATION
70	0: EPDM (MIN. -40 °C)	N: GRP ANTISTATIC BLACK	2: WITH WINDOW	C: INSULATED	SELECT FROM BELOW	A: ZINC-COATED STEEL	A: ATEX
	1: SILICONE (MIN. -60°C)	(*)		S: NOT INSULATED		B: AISI 316	D: EAC CU TR 012/2011 COMPLIANCE
						C: NOT REQUIRED	

(*) Other colours available on request

EXAMPLE: 700N2S017AA

ENCLOSURE SERIE 70 NOT INSULATED WITH WINDOW, MATERIAL GRP ANTISTATIC BLACK C/W EPDM GASKET, DOUBLE INTERNAL AND SINGLE EXTERNAL ZINC-COATED STEEL MOUNTING PLATE FOR 2" PIPESTAND, ATEX CERTIFIED

TYPICAL ASSEMBLY 000	TYPICAL ASSEMBLY 017	TYPICAL ASSEMBLY 027
Without mounting brackets	External bracket placed on the bottom side for 2" pipe stand Double internal 2" vertical pillar placed on the bottom side	External bracket placed on the bottom side for 2" pipe stand Triple internal 2" vertical pillar placed on the bottom side
TYPICAL ASSEMBLY 037	TYPICAL ASSEMBLY 047	TYPICAL ASSEMBLY 057
External bracket placed on the bottom side for 2" pipe stand Double internal 2" vertical pillar placed on the rear side	External bracket placed on the rear side for 2" pipe stand Triple internal 2" vertical pillar placed on the rear side	External bracket placed on the bottom side for 2" pipe stand Internal plate placed on the rear side
TYPICAL ASSEMBLY 067	TYPICAL ASSEMBLY 077	TYPICAL ASSEMBLY 087
External bracket placed on the rear side for 2" pipe stand Internal plate placed on the rear side	Double external bracket placed on the bottom side for 2" pipe stand Double internal 2" vertical pillar placed on the bottom side	Double external bracket placed on the bottom side for 2" pipe stand Triple internal 2" vertical pillar placed on the bottom side

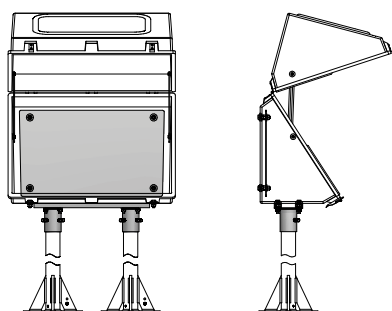
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GRP ENCLOSURES

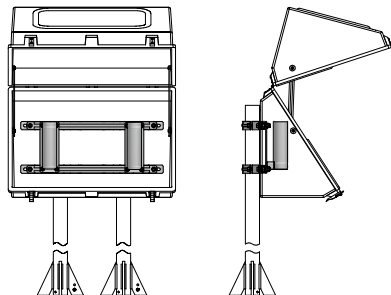
INSTRUMENT ENCLOSURE SERIE IEN

700N2 SERIE IEN

TYPICAL ASSEMBLY 097

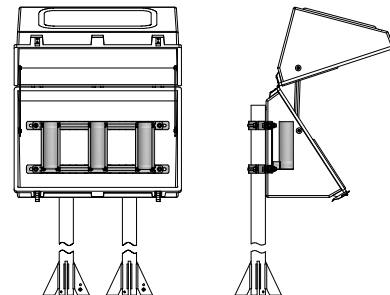
Double external bracket placed on the bottom side for 2" pipe stand

Internal plate placed on the rear side

TYPICAL ASSEMBLY 107

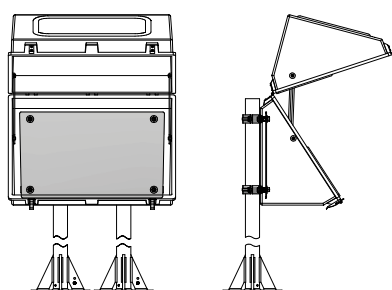
Double external bracket placed on the rear side for 2" pipe stand

Double internal 2" vertical pillar placed on the rear side

TYPICAL ASSEMBLY 117

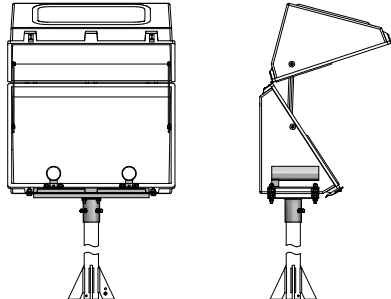
Double external bracket placed on the rear side for 2" pipe stand

Triple internal 2" vertical pillar placed on the rear side

TYPICAL ASSEMBLY 127

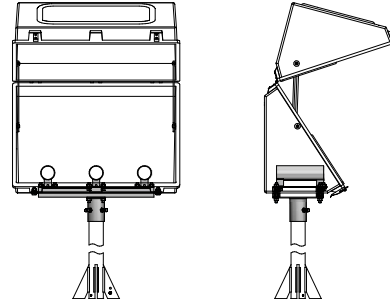
External bracket placed on rear side for 2" pipe stand

Internal plate placed on the rear side

TYPICAL ASSEMBLY 137

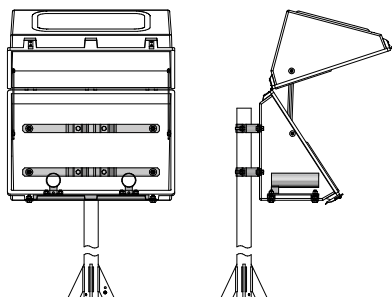
External bracket placed on the bottom side for 2" pipe stand

Double internal 2" horizontal pillar placed on the bottom side

TYPICAL ASSEMBLY 147

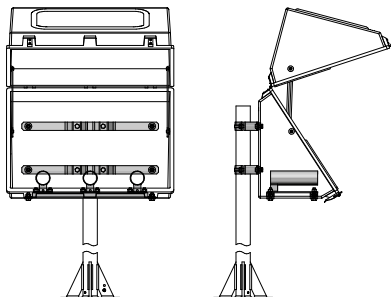
External bracket placed on the bottom side for 2" pipe stand

Triple internal 2" horizontal pillar placed on the bottom side

TYPICAL ASSEMBLY 157

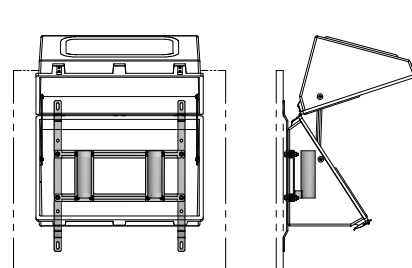
External bracket placed on the rear side for 2" pipe stand

Double internal 2" horizontal pillar placed on the bottom side

TYPICAL ASSEMBLY 167

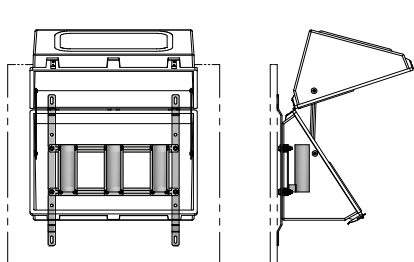
External bracket placed on the rear side for 2" pipe stand

Triple internal 2" horizontal pillar placed on the bottom side

TYPICAL ASSEMBLY 177

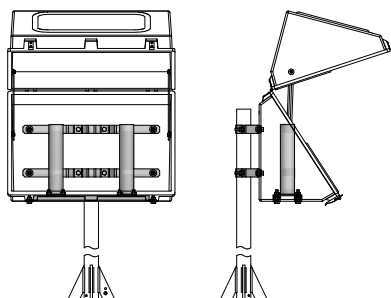
External bracket placed on the rear side for wall mounting

Double internal 2" vertical pillar placed on the rear side

TYPICAL ASSEMBLY 187

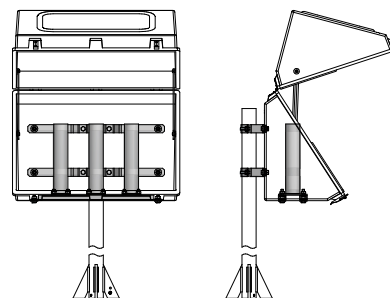
External bracket placed on the rear side for wall mounting

Triple internal 2" vertical pillar placed on the rear side

TYPICAL ASSEMBLY 197

External bracket placed on the rear side for 2" pipe stand

Double internal 2" vertical pillar placed on the bottom side

TYPICAL ASSEMBLY 207

External bracket placed on the rear side for 2" pipe stand

Triple internal 2" vertical pillar placed on the bottom side

GRP ENCLOSURES

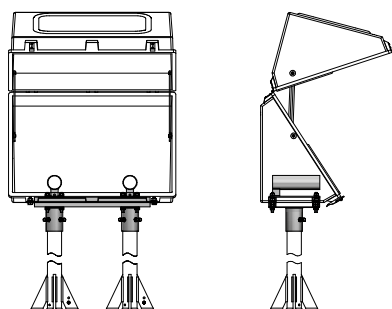
INSTRUMENT ENCLOSURE SERIE IEN

bulk



700N2 SERIE IEN

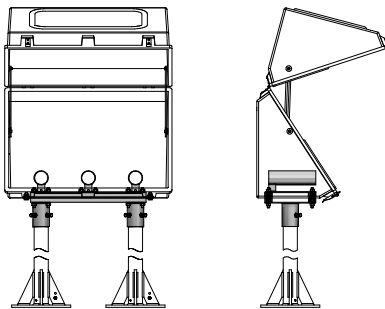
TYPICAL ASSEMBLY 217



Double external bracket placed on the bottom side for 2" pipe stand

Double internal 2" horizontal pillar placed on the bottom side

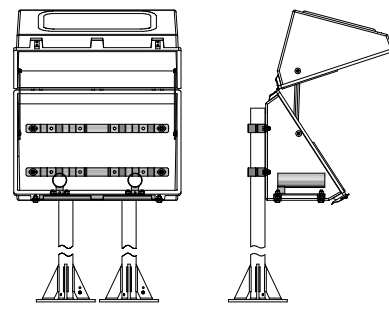
TYPICAL ASSEMBLY 227



Double external bracket placed on the bottom side for 2" pipe stand

Triple internal 2" horizontal pillar placed on the bottom side

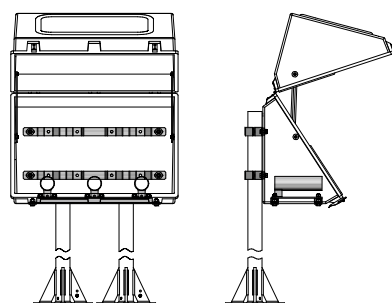
TYPICAL ASSEMBLY 237



External bracket placed on the rear side for 2" pipe stand

Double internal 2" horizontal pillar placed on the bottom side

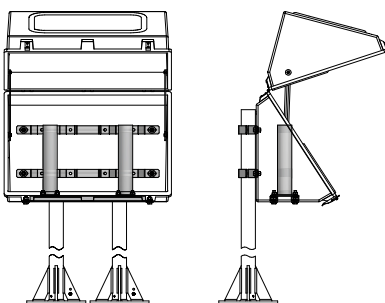
TYPICAL ASSEMBLY 247



Double external bracket placed on the rear side for 2" pipe stand

Triple internal 2" horizontal pillar placed on the bottom side

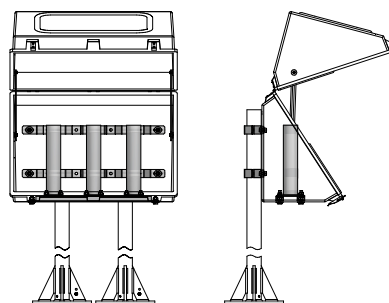
TYPICAL ASSEMBLY 257



Double external bracket placed on the rear side for 2" pipe stand

Double internal 2" vertical pillar placed on the bottom side

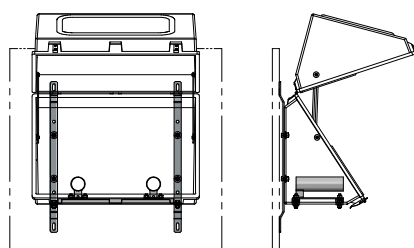
TYPICAL ASSEMBLY 267



Double external bracket placed on the rear side for 2" pipe stand

Triple internal 2" vertical pillar placed on the bottom side

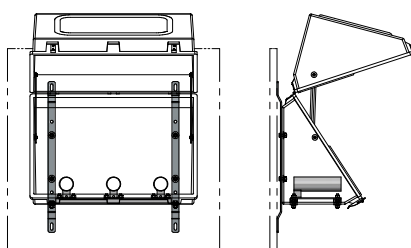
TYPICAL ASSEMBLY 277



External bracket placed on the rear side for wall mounting

Double internal 2" horizontal pillar placed on the bottom side

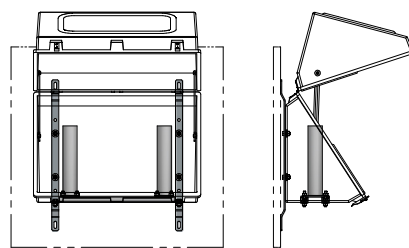
TYPICAL ASSEMBLY 287



External bracket placed on the rear side for wall mounting

Triple internal 2" horizontal pillar placed on the bottom side

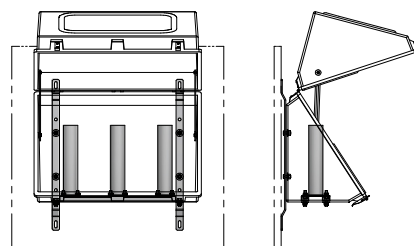
TYPICAL ASSEMBLY 297



External bracket placed on the rear side for wall mounting

Double internal 2" vertical pillar placed on the bottom side

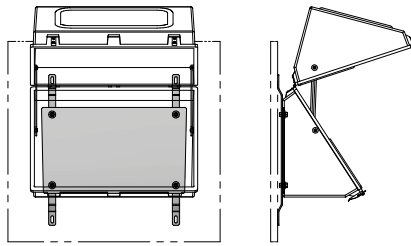
TYPICAL ASSEMBLY 307



External bracket placed on the rear side for wall mounting

Triple internal 2" vertical pillar placed on the bottom side

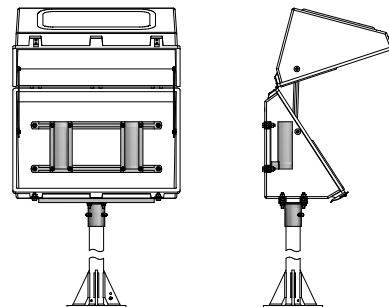
TYPICAL ASSEMBLY 317



External bracket placed on the rear side for wall mounting

Internal plate placed on the rear side

TYPICAL ASSEMBLY 327



External bracket placed on the bottom side for 2" pipe stand

Double internal 2" vertical pillar placed on the rear side



bulk



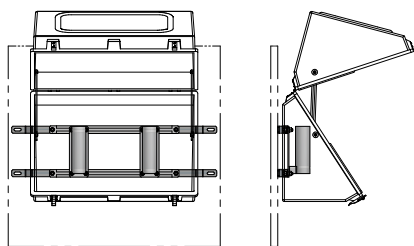
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GRP ENCLOSURES

INSTRUMENT ENCLOSURE SERIE IEN

700N2 SERIE IEN

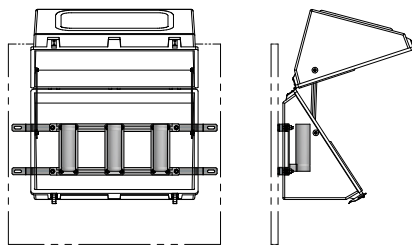
TYPICAL ASSEMBLY 337



External bracket placed on the rear side for wall mounting

Double internal 2" vertical pillar placed on the rear side

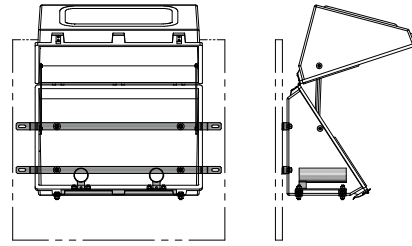
TYPICAL ASSEMBLY 347



External bracket placed on the rear side for wall mounting

Triple internal 2" vertical pillar placed on the rear side

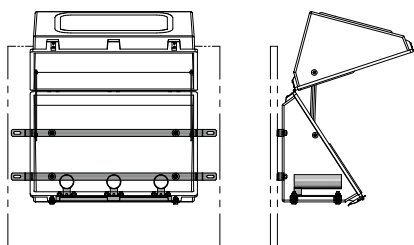
TYPICAL ASSEMBLY 357



External bracket placed on the rear side for wall mounting

Double internal 2" horizontal pillar placed on the bottom side

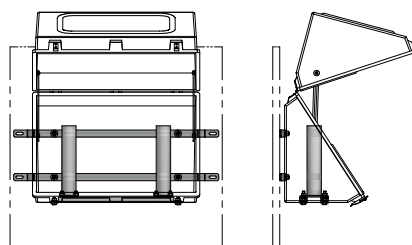
TYPICAL ASSEMBLY 367



External bracket placed on the rear side for wall mounting

Triple internal 2" horizontal pillar placed on the bottom side

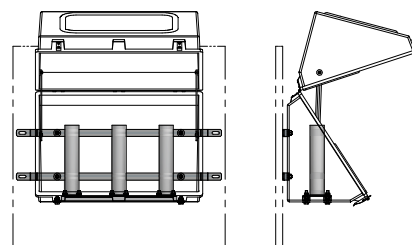
TYPICAL ASSEMBLY 377



External bracket placed on the rear side for wall mounting

Double internal 2" vertical pillar placed on the bottom side

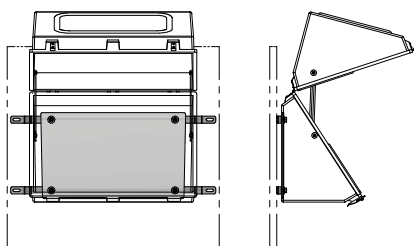
TYPICAL ASSEMBLY 387



External bracket placed on the rear side for wall mounting

Triple internal 2" vertical pillar placed on the bottom side

TYPICAL ASSEMBLY 397



External bracket placed on the rear side for wall mounting

Internal plate placed on the rear side