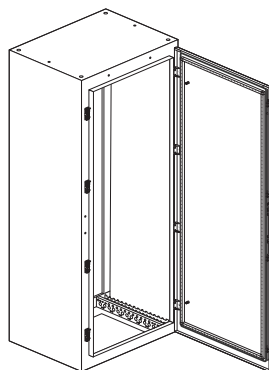


Altis one-piece enclosures

Cat. Nos: 0 471 20 à 471 36 -
0 471 40/41/42/43/44/45/46/47/48 -
0 471 70/71/72



CONTENTS	Page
1. General characteristics	1
2. Range	1
3. Technical characteristics	2-3
4. Dimensions	4
5. Equipment	5-9
6. Accessories	10-13
7. 19" accessories	13

1. GENERAL CHARACTERISTICS

One-piece metal enclosures
RAL 7035
IP55 - IK10
Heights (mm): 1600/1800/2000
Widths (mm): 600/800/1000/1200/1600
Depths (mm): 400/500/600

NB: Cable routing and blanking plates, lifting rings and lifting brackets must be ordered separately.

1.2 Frame

- Enclosure in 1.5 mm thick sheet steel
- Base fitted with built-in runners to make it easier to fit plain plates.
- 1200 or 1600 mm wide enclosures require two cable entry plate assemblies (600 or 800 mm wide respectively).
- Removable rear panels in 1.3 mm thick sheet steel.

1.3 Door

- One or two doors, depending on model:
 - 800 mm width = 1 door
 - 1000 mm width = 1 or 2 doors
 - 1200 mm width = 2 doors
- Glazed door available as an optional extra.
- High-elastic limit 2 mm sheet steel door with screw-fitting seal frame.
- Door reversible without removing fittings.
- 180° opening on request.

1.4 Closing mechanism

- 4-point closure, double-bar, radial pin tumbler lock.
- On double doors, closes without central upright (left-hand door fastens using central 2-point handle).
- Can be fitted with different types of handle as an optional extra (cylinder lock, radial pin security locks, CNOMO, etc.)

1.5 Finish

- 80 micron polyester texture coating.
- Complies with the NF EN 62208 enclosures standard.
- Electrostatic thermosetting polyester powder coating.
- Colour RAL 7035 (other RAL colours upon request).
- Thickness 80 microns.
- Paintwork can be retouched using aerosol paint, touch-up brush, and water-soluble pen.

2. RANGE

2.1 One-piece enclosures

Cat. Nos	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)	Number of doors
0 471 20	1600	600	400	60	1
0 471 21	1600	800	400	69	1
0 471 22	1600	1000 ⁽¹⁾	400	82	1
0 471 23	1600	1000	400	82	2
0 471 24	1600	1200	400	101	2
0 471 25	1800	600	400	65	1
0 471 26	1800	800	400	77	1
0 471 27	1800	1000 ⁽¹⁾	400	88	1
0 471 28	1800	1000	400	88	2
0 471 29	1800	1200	400	113	2
0 471 30	1800	1600	400	140	2
0 471 31	2000	600	400	76	1
0 471 32	2000	800	400	83	1
0 471 33	2000	1000 ⁽¹⁾	400	96	1
0 471 34	2000	1000	400	96	2
0 471 35	2000	1200	400	129	2
0 471 36	2000	1600	400	150	2
0 471 40	1800	600	500	71	1
0 471 41	1800	800	500	83	1
0 471 42	1800	1000	500	98	2
0 471 43	1800	1200	500	120	2
0 471 44	1800	1600	500	148	2
0 471 45	2000	800	500	91	1
0 471 46	2000	1000	500	104	2
0 471 47	2000	1200	500	139	2
0 471 48	2000	1600	500	164	2
0 471 70	1800	800	600	90	1
0 471 71	2000	800	600	97	1
0 471 72	2000	1200	600	145	2

⁽¹⁾ With door recentring

3. TECHNICAL CHARACTERISTICS

3.1 Protection index

- IIP 55 to IEC EN 60529: protected against dust (no harmful deposits) and protected against water jets (all directions from a lance).
- LCIE TR No. 74367-562119.
- NEMA 12 to UL50 standard.
- IK 10 to IEC EN 62262 protected against mechanical impacts with an energy of 20 joules.
- Class I.

3.2 Mechanical strength

- Max. load: 1000 kg/m³
- Max. load on door: 80 kg

Paintwork: - adhesion (lattice pattern) according to ISO 2409

- bend test (cylindrical mandrel) ISO 1519
- ericsen cupping test ISO 1520
- impact resistance 1 kg 50 cm according to ISO 6272-1.

3.3 Climatic conditions resistance

- Operating temperatures: + 100° C for 168 hours
 - + 150° C for 3 hours
 - 40° C
- Resistance to artificial light from a laboratory light source: xenon arc lamp according to ISO 4892-2 method A.
 - No loss of adhesion in the cross-cut test Class 0 according to ISO 2409 after 500 hrs exposure.
 - No loss of performance to the ISO 178 flexural properties test, ISO 179 Charpy impact strength test after 500 hrs exposure.

3. TECHNICAL CHARACTERISTICS *(continued)*

3.4 Corrosion resistance

- Corrosion resistance in artificial atmospheres:
 - Salt spray test: NSS (Neutral Salt Spray) test, according to NF EN ISO 9227.
 - Degree of rusting lower than Ri1 according to ISO 4628-3 and propagation < 6 mm according to ISO 4628-8 after 500 hrs exposure.
- Corrosion resistance in industrial atmospheres:
 - Sulphur dioxide test with general condensation of moisture according to ISO 6988.
 - Degree of rusting lower than Ri according to ISO 4628-3, standard photo Class 9, Appendix A ISO 10289 after 500 hrs exposure.

3.5 Fire performance

- Glow wire 960° C according to IEC 60695-2-11.
- PCS < 2.1 MJ/m² according to NF EN ISO 1716 (NFP 92521).

3.6 Nuclear decontamination

- According to NFT 30901
- 85% for fission products
 - 80% for plutonium.

3. TECHNICAL CHARACTERISTICS (continued)

3.7 Chemical resistance

Thermosetting polyester
Electrostatic application
Coating thickness 80 microns.

Aqueous solutions	Cold water	++	
	Hot water	+	
	Steam	-	
	Salt water 5%	+	
	Hydrogen peroxide	-	
	Water + washing powder	+	
	Water + surfactants	+	
	Formaldehyde	-	
Alcohols	Ethanol	+	
	Methanol	+	
	Propanol	+	
	Butanol	+	
Glycols	Ethylene glycol	+	
Phenols		-	
Cresols		-	
Alkalis	Ammonia	+	
	Sodium hydroxide (caustic soda)	+	
	Sodium hypochlorite (bleach 12°)	+	
	Potassium hydroxide (caustic potash)	+	
Strong oxidizing acids	Concentrated acetic acid	+	
	Nitric acid 5%	+	
	Sulphuric acid 30%	+	
	Hydrochloric acid 30%	+	
	Perchloric acid 70%	++	
	Hydrofluoric acid 70%	--	
	Chromic acid 50%	-	
	Phosphoric acid 30%	+	
Weak acids	Dilute acetic acid < 25%	+	
	Citric acid	++	
	Lactic acid	++	
	Formic acid	+	
	Uric acid	+	
Oils & fats	Animal origin	Lard	++
		Butter, cream	++
	Vegetable origin	Linseed oil	++
		Groundnut / Olive oils	++
		Castor oil	++
		Glycerol	+
	Mineral origin	Paraffin (petroleum jelly)	++
		Car engine oils	+
		Silicone oils	++
		Cutting oils	++
	Hydraulic fluids	+	

3. TECHNICAL CHARACTERISTICS (continued)

3.7 Chemical resistance (continued)

Hydrocarbons	Unleaded petrol	+
	Gas-oil	++
	Paraffin	++
	White-spirit	++
Chlorinated solvents	Trichlorethylene	--
	Trichlorethane	-
	Perchlorethylene	--
	Methylene chloride	--
	Carbon tetrachloride	--
	Chloroform	-
Aromatic solvents	Benzene	+
	Toluene	-
	Xylene	+
Aliphatic solvents	Hexane	++
	Heptane	++
Fluorinated solvents	Trichlorofluoromethane	--
Cetones	Acetone	-
	Methylethylcetone	-
	Ethyl acetate	
Terpenes	Turpentine	

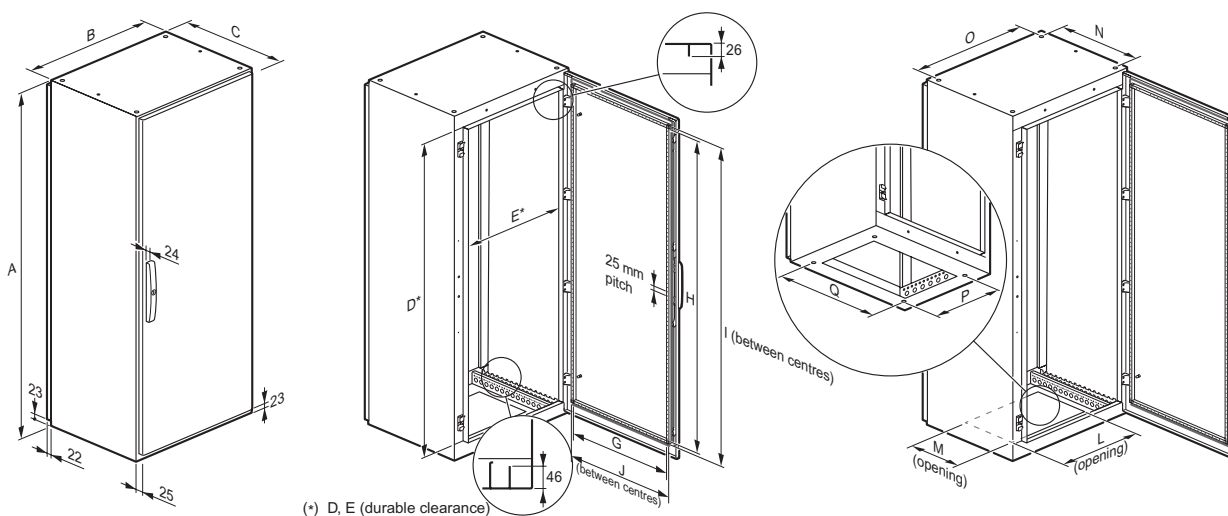
++ : Excellent resistance (continuous exposure)
+ : Good resistance (lengthy exposure)
- : Limited resistance (instantaneous exposure possible)
-- : Low resistance (exposure to be avoided)

3.8 Resistance to professional detergent and disinfectant preparations

Surface-active ethyl liquid preparation	++
Surface-active low alkaline liquid preparation	++
Strong alkaline disinfectant liquid preparation	--
Surface-active alkaline preparation, amphoteric antibacterial surfactant	+
Surface-active phosphoric acid disinfectant preparation	++
Concentrated alkaline liquid preparation, strong ionic surfactant detergent	-
Concentrated alkaline liquid preparation, EDTA complexing agent	-

4. DIMENSIONS (mm)

4.1 Dimensions of main components



(*) D, E (durable clearance)

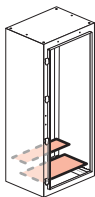
Cat. Nos	Enclosure dimensions Height x Width x Depth (mm)	A	B	C ⁽¹⁾	D	E	G	H	I	J	L	M	N	O	P	Q
0 471 20	1600 x 600 x 400	1600	599	436	1507	509	460	1460	1475	675	385	255	350	550	278	478
0 471 21	1600 x 800 x 400	1600	799	436	1507	709	660	1460	1475	675	585	255	350	750	278	678
0 471 22	1600 x 1000 x 400	1600	999	436	1507	909	860	1460	1475	875	785	255	350	950	278	878
0 471 23	1600 x 1000 x 400	1600	999	436	1507	909	360 x 2	1460	1475	375 x 2	785	255	350	950	278	878
0 471 24	1600 x 1200 x 400	1600	1199	436	1507	1109	460 x 2	1460	1475	475 x 2	385 x 2	255	350	1150	278	1078
0 471 25	1800 x 600 x 400	1800	599	436	1707	509	460	1460	1675	475	385	255	350	550	278	478
0 471 26	1800 x 800 x 400	1800	799	436	1707	709	660	1660	1675	675	585	255	350	750	278	678
0 471 27	1800 x 1000 x 400	1800	999	436	1707	909	860	1660	1675	875	785	255	350	950	278	878
0 471 28	1800 x 1000 x 400	1800	999	436	1707	909	360 x 2	1660	1675	475 x 2	785	255	350	950	278	878
0 471 29	1800 x 1200 x 400	1800	1199	436	1707	1109	460 x 2	1660	1675	475 x 2	385 x 2	25	350	1150	278	1078
0 471 30	1800 x 1600 x 400	1800	1599	436	1707	1509	660 x 2	1860	1675	675 x 2	585 x 2	255	350	1550	278	1478
0 471 31	2000 x 600 x 400	2000	599	436	1907	509	460	1860	1875	475	385	255	350	550	278	478
0 471 32	2000 x 800 x 400	2000	799	436	1907	709	660	1860	1875	675	585	255	350	750	278	678
0 471 33	2000 x 1000 x 400	2000	999	436	1907	909	860	1860	1875	875	785	255	350	950	278	878
0 471 34	2000 x 1000 x 400	2000	999	436	1907	909	360 x 2	1860	1875	375 x 2	785	255	350	950	278	878
0 471 35	2000 x 1200 x 400	2000	1199	436	1907	1109	460 x 2	1860	1875	475 x 2	385 x 2	255	350	1150	278	1078
0 471 36	2000 x 1600 x 400	2000	1599	436	1907	1509	660 x 2	1660	1875	675 x 2	585 x 2	255	350	1550	278	1478
0 471 40	1800 x 600 x 500	1800	599	536	1707	509	460	1660	1675	475	385	355	350	550	378	478
0 471 41	1800 x 800 x 500	1800	799	536	1707	709	660	1660	1675	675 x 2	585	355	450	750	378	678
0 471 42	1800 x 1000 x 500	1800	999	536	1707	909	360 x 2	1660	1675	375 x 2	785	355	450	950	378	878
0 471 43	1800 x 1200 x 500	1800	1199	536	1707	1109	460 x 2	1660	1675	475 x 2	385 x 2	355	450	1150	378	1078
0 471 44	1800 x 1600 x 500	1800	1599	536	1707	1509	660 x 2	1860	1675	675 x 2	585 x 2	355	450	1550	378	1478
0 471 45	2000 x 800 x 500	2000	799	536	1907	709	660	1860	1875	675 x 2	585	355	450	750	378	678
0 471 46	2000 x 1000 x 500	2000	999	536	1907	909	360 x 2	1860	1875	375 x 2	785	355	450	950	378	878
0 471 47	2000 x 1200 x 500	2000	1199	536	1907	1109	460 x 2	1860	1875	475 x 2	385 x 2	355	450	1150	378	1078
0 471 48	2000 x 1600 x 500	2000	1599	536	1907	1509	660 x 2	1860	1875	675 x 2	585 x 2	355	450	1550	378	1478
0 471 70	1800 x 800 x 600	1800	799	636	1707	709	660	1660	1675	675	585	455	550	750	478	678
0 471 71	2000 x 800 x 600	2000	799	636	1907	709	660	1860	1875	675	585	455	550	750	478	678
0 471 72	2000 x 1200 x 600	2000	1199	636	1907	1109	460 x 2	1860	1875	475 x 2	385 x 2	455	550	1150	478	1078

⁽¹⁾ Excluding side panels (+ 16 mm)

⁽²⁾ Overall dimensions (door + rear panel)

5. EQUIPMENT

5.1 Cable routing and blanking plates



Depth Width	400	500	600	800
400				
600				
800	 Cable routing plate	 Cable routing plate + blanking plate	 Cable routing plate + blanking plate	 Cable routing plates + set of 2 blanking plates

1200 or 1600 mm wide enclosures require two assemblies (600 or 800 mm wide respectively).

Brush plates for protection to IP43
(consist of 2 plates with sealing brush)

Cat. No(s).	For enclosures (width mm)	For enclosures (depth mm)
0 481 50 ⁽¹⁾	400	≥ 400
0 481 52 ⁽¹⁾	600	
0 481 54 ⁽¹⁾	800	
0 481 56 ⁽¹⁾	1000	

⁽¹⁾ Blanking plate to be ordered separately

5. EQUIPMENT (continued)

5.1 Cable routing and blanking plates (continued)

IP43 foam seal plates

Consist of two plates with 25 x 30 mm foam seals

Cat. No(s).	For enclosures (width mm)	For enclosures (depth mm)
0 481 60 ⁽¹⁾	400	≥ 400
0 481 62 ⁽¹⁾	600	
0 481 64 ⁽¹⁾	800	
0 481 66 ⁽¹⁾	1000	

IP55 cable-gland plates

Cat. No(s).	For enclosures (width mm)	For enclosures (depth mm)
0 481 68	600	300
0 481 78	800	
0 481 88	1000	
0 481 80 ⁽¹⁾	400	≥ 400
0 481 81 ⁽¹⁾	600	
0 481 82 ⁽¹⁾	800	
0 481 83 ⁽¹⁾	1000	

IP55 Cabstop plates

Cable routing plates comprising a cable-clamping jaw for mechanical retention and elastomer elements for sealing.

Cat. No(s).	For enclosures (width mm)	For enclosures (depth mm)
0 481 70 ⁽¹⁾	400	≥ 400
0 481 72 ⁽¹⁾	600	
0 481 74 ⁽¹⁾	800	
0 481 76 ⁽¹⁾	1000	

Blanking plates

To be ordered separately, to be used in conjunction with cable routing plates.

Cat. No(s).	For enclosures		Number of plates per assembly
	Width (mm)	(Depth mm)	
0 481 57	400	500	1
0 481 58	400	600	1
0 481 59	400	800	2
0 481 67	600	500	1
0 481 68	600	600	1
0 481 69	600	800	2
0 481 77	800	500	1
0 481 78	800	600	1
0 481 79	800	800	2
0 481 87	1000	500	1
0 481 88	1000	600	1
0 481 89	1000	800	2

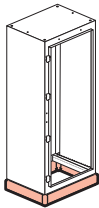
Altis one-piece enclosures

Cat. Nos: 0 471 20 à 471 36 -
0 471 40/41/42/43/44/45/46/47/48 -
0 471 70/71/72

5. EQUIPMENT (continued)

5.2 Plinths and accessories

- Plinth and access panels kit



RAL 7012
Open on all 4 sides.
Kit consists of 4 corner supports and plain front/rear panels.
Used with the sets of plain, ventilated, or brush side panels.

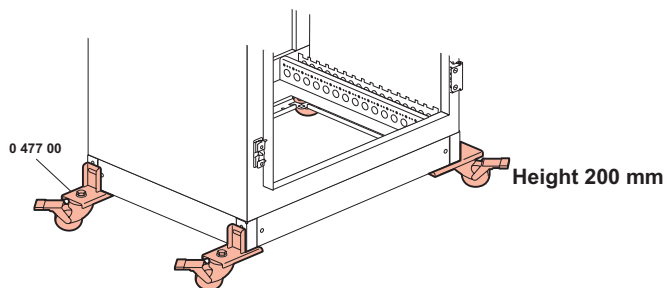
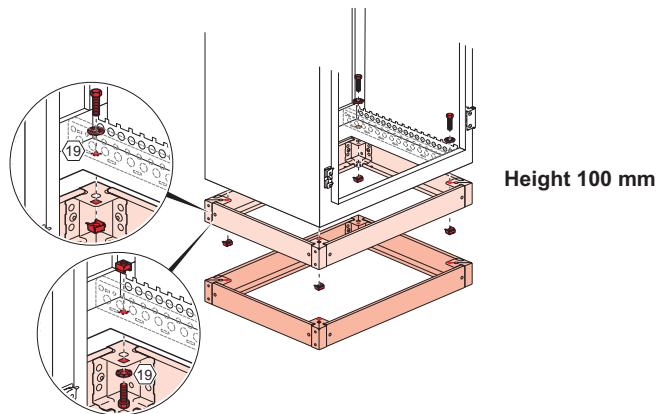
Height 100	Height 200	For enclosures Width (mm)
0 476 55	0 476 65	400
0 476 56	0 476 66	600
0 476 57	0 476 67	800
0 476 58	0 476 68	1000
0 476 59	0 476 69	1200
0 476 60	0 476 70	1600

Set of plain side access panels (100 mm high)

100 mm high plinths	200 mm high plinths	For enclosures Depth (mm)
0 476 76	0 476 86	400
0 476 77	0 476 87	500
0 476 78	0 476 88	600
0 476 79	0 476 89	800

NB: Consist of: - 2 plain panels for 100 mm high plinths
- 4 plain panels for 200 mm high plinths

Fitting example with sets of plain panels



5. EQUIPMENT (continued)

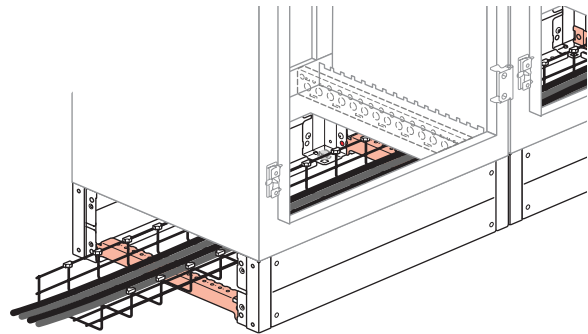
5.2 Plinths and accessories (continued)

Brush panels (100 mm)

	For Altis enclosures Width /Depth (mm)
0 476 72	500
0 476 73	600
0 476 74	800

- Linking bar Cat. No(s) 0 476 91 to 0 476 94

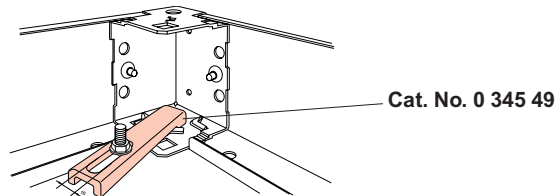
Fixes between two corner supports.
Allows to attach cables between adjoining enclosures.



Cat. Nos	For enclosures Depth (mm)
0 476 91	400
0 476 92	500
0 476 93	600
0 476 94	800

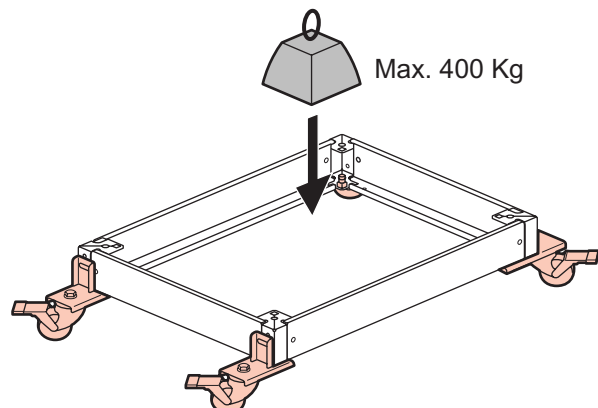
Offset plinth fixings

Set of 4 zinc-plated linking flanges



Castors Cat. No. 0 477 00

Set of 4 handling castors with built-in brakes.
For plinth fixing only.
Supplied complete with fixing hardware.



5. EQUIPMENT (continued)

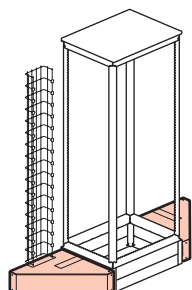
5.3 Connecting interface

Protective unit allowing the enclosure plinth to be connected to cable trunking.

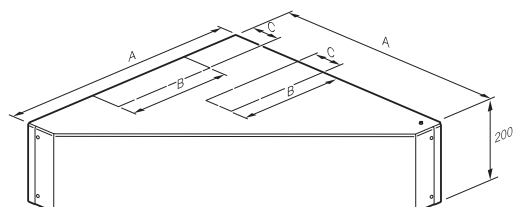
Supplied complete with brush seal.

Reversible cover with cutouts.

Height 200 mm.



Cat. Nos	For enclosures (Depth mm)
0 477 04	400
0 477 05	500



For enclosures (Depth mm)	Cutouts		
	A	B	C
400	395	235	120
500	495	335	120

For use with cable guide grids, allowing cable fixing.

Cat. Nos	Dimensions
0 331 28	1100 x 200 x 50 mm
0 332 34	1400 x 200 x 50 mm
0 331 34	1800 x 200 x 50 mm

5. EQUIPMENT (continued)

5.4 Plates

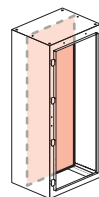
Plain plates

Pre-marked on 10 mm pitch.

Lifting holes.

Permitted load: 200 kg/m²

Galvanized steel.



Cat. Nos	Height	For enclosures (Width mm)	Poids (kg)
0 476 04	1600	600	19.9
0 476 05	1600	800	25.5
0 476 06	1600	1000	30.9
0 476 07	1600	1200	39.5
0 476 09	1800	600	22
0 476 10	1800	800	29
0 476 11	1800	1000	37.1
0 476 12	1800	1200	43.9
0 476 13	1800	1600	60.9
0 476 15	2000	600	24.7
0 476 16	2000	800	33.2
0 476 17	2000	1000	40.2
0 476 18	2000	1200	46
0 476 19	2000	1600	57.9

Full-width plain plates

Usable area of plate is the full width of the enclosure.

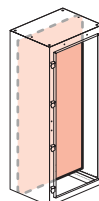
Fitted from the front of the enclosure.

Pre-marked on 10 mm pitch.

Lifting holes.

Permitted load: 200 kg/m².

Galvanized steel



Cat. Nos	Height	For enclosures (Width mm)	Weight (kg)
0 475 05	1600	800	29
0 475 06	1600	1000	35.3
0 475 07	1600	1200	31.4
0 475 08	1800	600	25.4
0 475 09	1800	800	34.5
0 475 10	1800	1000	43.1
0 475 11	1800	1200	45.8
0 475 13	2000	600	28.7
0 475 14	2000	800	38.6
0 475 15	2000	1000	42
0 475 16	2000	1200	50.4

NB: Cannot be used with 300 mm deep one-piece enclosures.

Altis one-piece enclosures

Cat. Nos: 0 471 20 à 471 36 -
0 471 40/41/42/43/44/45/46/47/48 -
0 471 70/71/72

5. EQUIPMENT (continued)

5.4 Plates (continued)

Lina 12.5 plate

Galvanized steel.

Pre-drilled to allow installation of equipment without marking-out.

Automatic alignment:

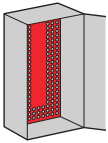
- Ø 6.5 mm for insulating rivets Cat. No. 0 366 44 (cable ducting)

- Ø 3.3 mm for fittings with screws Cat. No. 0 347 45

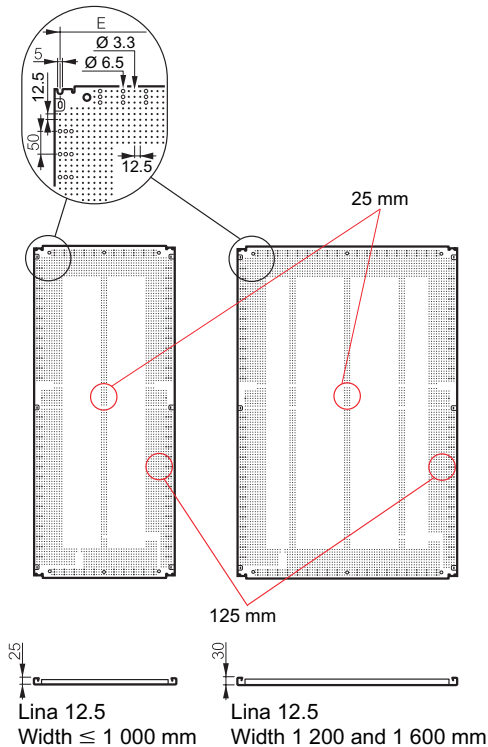
Lifting holes.

Permitted load: 200 kg/m².

Cat. nos	Height	For enclosures (Width mm)	Weight (kg)
0 475 25	1600	800	24.1
0 475 26	1600	1000	30.7
0 475 27	1600	1200	36.7
0 475 28	1800	600	20.6
0 475 29	1800	800	27.3
0 475 30	1800	1000	34.3
0 475 31	1800	1200	41.4
0 475 32	1800	1600	59.3
0 475 33	2000	600	22.6
0 475 34	2000	800	30.7
0 475 35	2000	1000	38.3
0 475 36	2000	1200	45.9
0 475 37	2000	1600	66.2



Detail of perforation dimensions



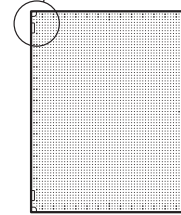
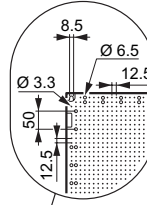
5. EQUIPMENT (continued)

5.4 Plates (continued)

Lina 12.5 partial plate

Fitted using upright rails.

Same characteristics as the Lina 12.5 plate, except for the permitted loading: 150 kg/m².



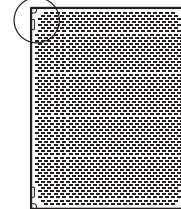
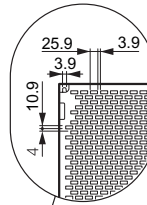
Ca. Nos	Height	For enclosures (Width mm)	Weight (kg)
0 481 40	800	800	6.9
0 481 41	800	1000	9
0 481 42	800	1200	10.8
0 481 43	1000	800	8.6
0 481 44	1000	1000	11.1
0 481 45	1000	1200	13.5

Lina 25 partial plate

Zinc-plated steel

Fitted using upright rails

Permitted load: 50 kg/m².



Cat. Nos	Height	For enclosures (Width mm)	Weight (kg)
0 474 89	800	600	3.9
0 474 90	800	800	5.1
0 474 91	800	1000	6
0 474 92	800	1200	7.2
0 474 93	800	1600	9.4
0 474 94	1000	600	4.6
0 474 95	1000	800	5.8
0 474 96	1000	1000	7
0 474 97	1000	1200	8.6
0 474 98	1000	1600	11.5
0 474 85	1200	600	5.3
0 474 86	1200	800	6.9

Altis one-piece enclosures

Cat. Nos: 0 471 20 à 471 36 -
0 471 40/41/42/43/44/45/46/47/48 -
0 471 70/71/72

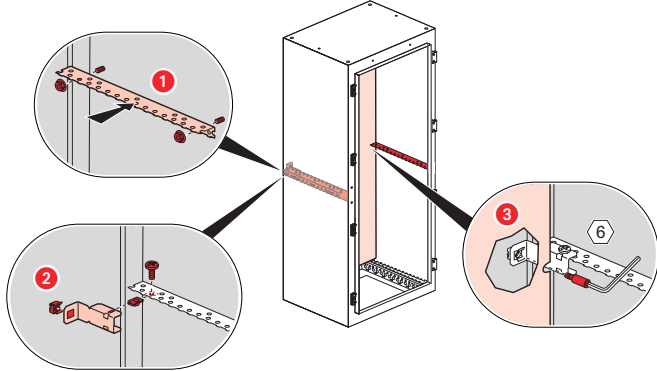
5. EQUIPMENT (continued)

Reinforcing angle Cat. No. 0 480 21

Per pair.

Allow to add a fixing point at mid-height of the plain or Lina 12.5 plates in 1600 mm wide one-piece enclosures.

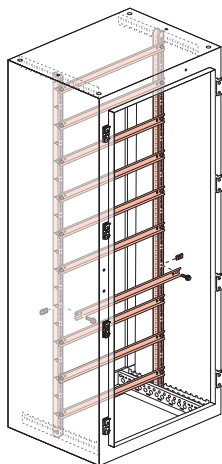
Fit onto runners Cat. No. 0 480 22.



Fixing hardware

Cat. Nos	Descriptions	Plate type
0 347 46	Use with PZ N3 screwdriver 5.5 x 16 mm self-tapping pan-head screw [CBL Z]	Plain, full-width plain, intermediate plates
0 347 47	5.5 x 19 mm self-drilling, self-tapping pan-head screw [CBL Z]	
0 366 44	6 mm Ø reinforced plastic rivet for 6.5 mm Ø holes	
0 347 45	4.8 x 16 mm self-piercing, self-tapping hex head screw for 3.3 mm Ø holes	Lina 12.5 plate
0 347 50	Screw cap allowing insulation of 347 45 screws inside cable ducting	
0 364 40	Cage nuts for M4 screws	Lina 25 perforated plate
0 364 41	Cage nuts for M5 screws	
0 364 42	Cage nuts for M6 screws	

5.5 Uprights & rails

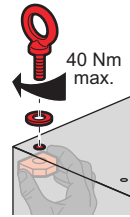


Cat. Nos		Uprights
		For Lina 25 or rails or partial chassis. Pair of galvanized uprights for enclosure heights (mm).
0 475 52		1600
0 475 53		1800
0 475 54		2000
Cat. Nos		Lina 25 rails for chassis
		galvanized For enclosure widths (mm)
0 477 26	0 477 27	600
0 477 28	0 477 29	800
0 477 30	0 477 31	1000
0 477 32	0 477 33	1200
0 477 36	0 477 35	1600

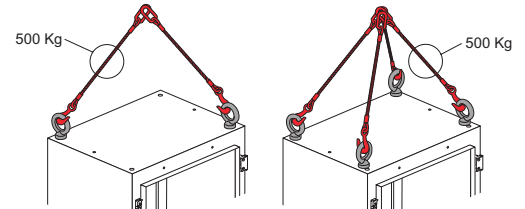
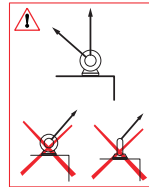
5. EQUIPMENT (continued)

5.6 M14 lifting rings

Cat. Nos 0 476 96: Set of 4 rings for a load of 1000 kg/m³.



	P (kg)	· (°)	P (kg)
	-	120	600
	400	90	800
	500	60	1000



Maximum loading on your Altis enclosures

The lifting facilities of Altis enclosures comply with the regulation requirements defined by the European Directive 89/392 (know as the Machinery Directive).

The Decrees (92/765, 766, 767) arising out of the transposition of this Directive into French law (31 Dec. 1991) impose very strict rules aimed at maximum safety.

One-piece Altis enclosures are designed for a maximum load of 500 kg/m³.

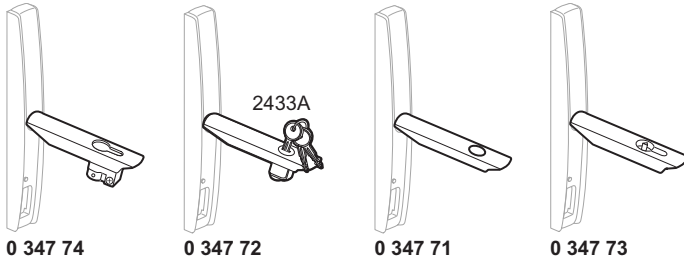
Lifting must be performed as indicated and in compliance with safety rules.

Legrand plinths are designed to allow enclosures to be moved as long as the indicated maximum loading per m³ is respected.

6. ACCESSORIES

6.1 Handles & closure

Cat. Nos	Handles
0 347 72	2433 A, fitted with a cylinder lock
0 347 71	Adaptable, accepts various cylinder and radial pin locks.
0 347 73	CNOMO triangle 6.5 mm
0 347 74	Without locking, accepts European DIN standard 1/2 cylinder (30 + 10 mm)



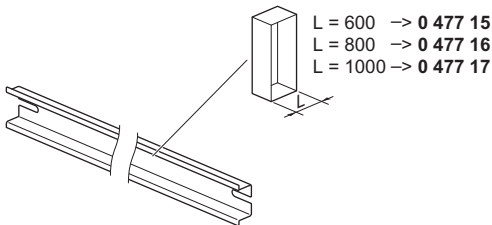
Cat. Nos	Closure
0 347 75	Closure kit. Comprises base, double-bar mechanism, and 2 caps.



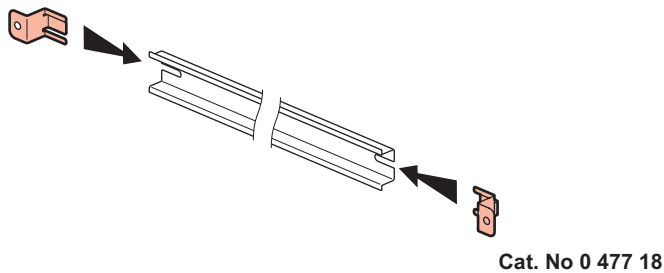
6.2 Door rails / Rail brackets / Door accessory rails

- Door rails

Symmetrical rail (15 mm high).
Fixed using rail brackets Cat No. 0 477 18 (to be ordered separately) or directly onto rails Cat. No. 0 477 19/20/21.



- Rail brackets



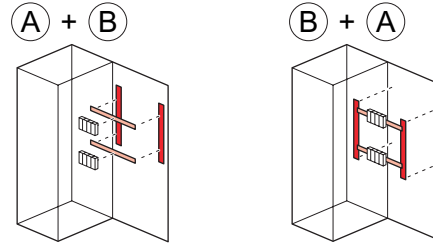
Pair of universal brackets.
Suitable for all types of symmetrical rails (15 mm high).

6. ACCESSORIES (continued)

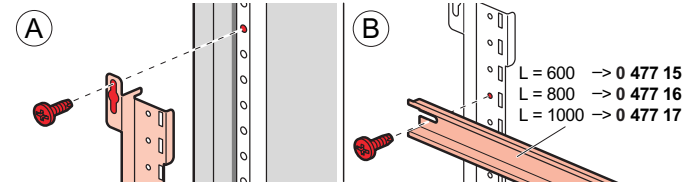
Rails for door accessories
Allow cable fixing with cable-ties or fitting Lina 25 ducting or rails to doors.

Rails	Height (mm)
0 477 19	490
0 477 20	690
0 477 21	890

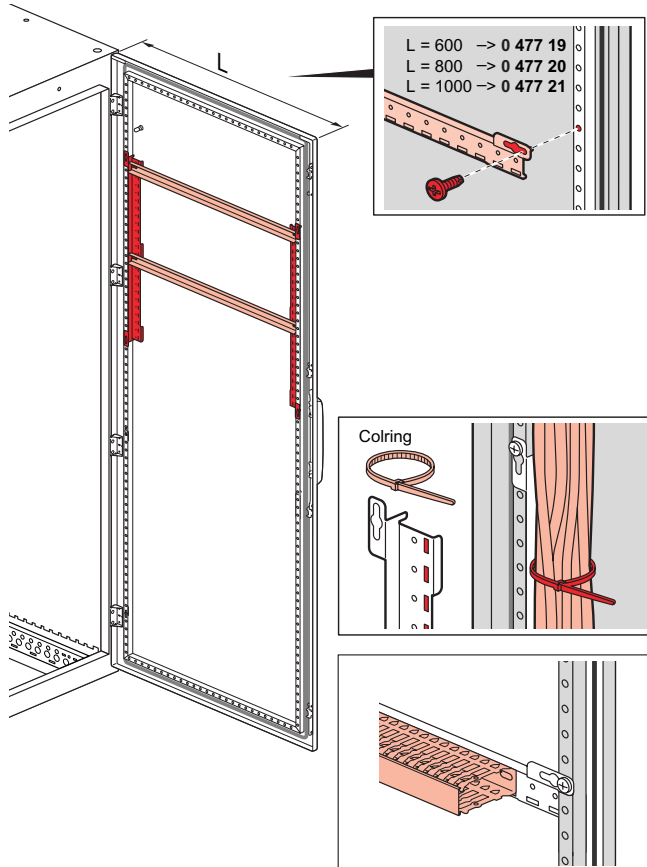
Horizontal or vertical mounting



• Vertical use



• Horizontal use

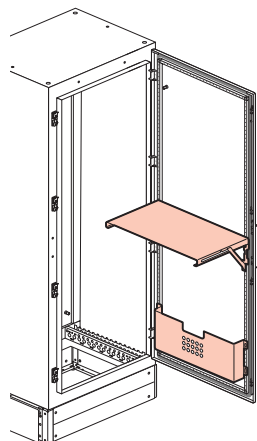


Altis one-piece enclosures

Cat. Nos: 0 471 20 à 471 36 -
0 471 40/41/42/43/44/45/46/47/48 -
0 471 70/71/72

6. ACCESSORIES (continued)

6.3 Writing shelf / Document pocket



Writing shelves
RAL 7012
Horizontal or vertical positions

Cat. Nos	For doors (Width mm)
0 477 07	600
0 477 08	800
0 477 09	1000

Metal document pocket

RAL 7012
Fits onto perforated upright
Takes A3 documents

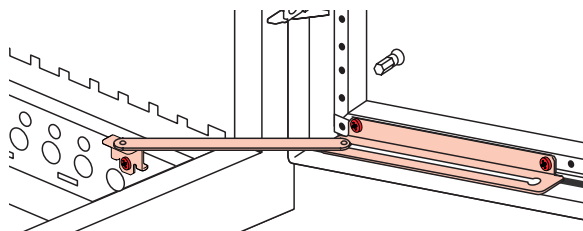
Cat. Nos	For doors (Width mm)	Internal dimensions (mm)		
		Height	Width	Depth
0 476 45	600/800/1000	275	425	50
0 476 46	600		450	100
0 476 47	800		650	100

6.4 Hinged instrument windows

IP 54
Anodized aluminium frame, 120° opening
3 mm thick polycarbonate window. Neoprene seal
Lock with 455 key
Supplied complete with drilling template
Protects equipment, avoids unwarranted tampering, and allows equipment to be viewed from outside.

Cat. Nos	External dimensions (mm)			Window size (mm)		Depth (mm)
	Height	Width	Depth	Height	Width	Usable depth
0 475 45	300	400	50	230	330	42
0 475 46	400	400	50	330	330	42
0 475 47	500	500	50	430	430	42
0 475 48	600	400	50	530	330	42
0 475 49	600	600	50	530	530	42

6.5 Door stay

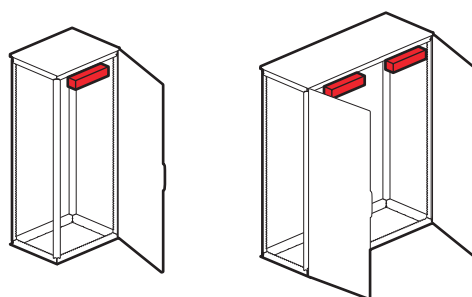


Cat. No 0 473 02

Fits directly onto enclosure frame
Stops the door at the end of travel at 115° max. or possible position at 90°.

6. ACCESSORIES (continued)

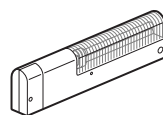
6.6 Lighting kits



With electronic ballast, ensuring a high level of electromagnetic compatibility.

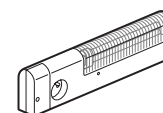
11 W fluorescent, 900 lumens, lamp holder 2 G7 IP20 - IK 06.
UL 94 V0 material RAL 7012.

- Screw mounted (order a set of lighting fixing lugs Cat. No. 0 482 37).
- Magnetic mounting



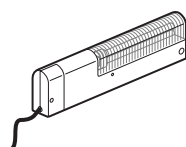
Cat. No 0 482 31

Lighting without socket, screw mounting.



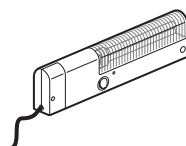
Cat. No 0 482 32

Lighting with 2P+E socket, screw mounting.



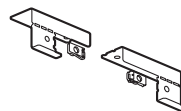
Cat. No 0 482 34

Lighting without socket, magnetic mounting
prewired with 3 m power supply cord.



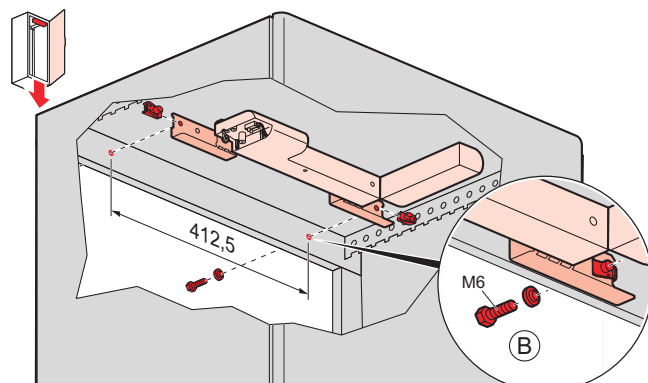
Cat. No 0 482 35

Lighting without socket, magnetic mounting
prewired with 3 m power supply cord, with presence sensor specially designed for use in an electrical enclosure, lighting time 6 mins (works without door contact).



Cat. No 0 482 37

Set of lighting fixing lugs for mounting
Cat. Nos. 0 482 31/32/34 and 35 in double door enclosures.



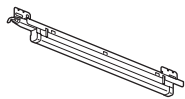
Altis one-piece enclosures

Cat. Nos: 0 471 20 à 471 36 -
0 471 40/41/42/43/44/45/46/47/48 -
0 471 70/71/72

6. ACCESSORIES (continued)

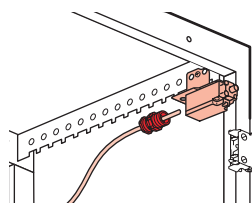
6.7 Compact lighting Cat. No. 0 482 36

12 W, T4G5 fluorescent tube, 750 lumens RAL 7012, mounted directly on the frame of enclosure 1 for 2 doors using Cat. No. 0 482 37



Lighting without socket with switch, prewired with 1.80 m power supply cord

6.8 Door contact



Cat. No 0 476 28

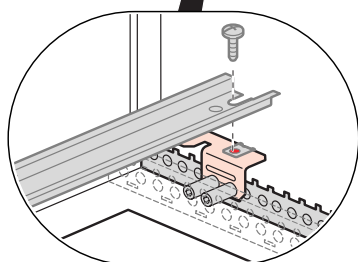
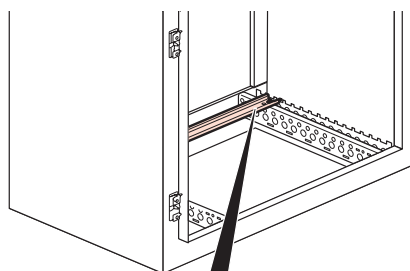
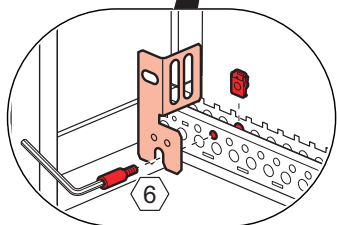
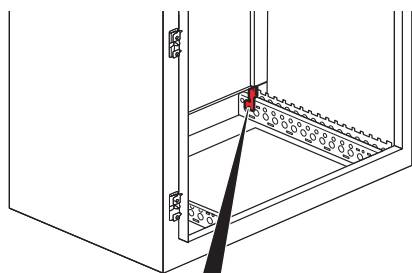
6 A - 250 V

1 NC contact + 1 NO contact.

Allows, for example, the enclosure supply to be isolated and the lighting to be turned on when the door is opened.

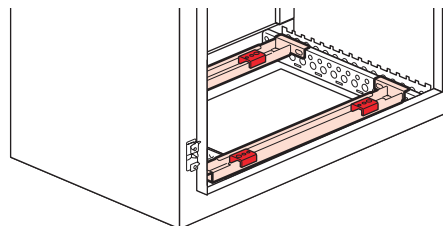
6.9 Set of 4 fixing brackets for non-Legrand uprights or fitting terminal blocks or earth busbars.

Cat. No 0 480 20



6. ACCESSORIES (continued)

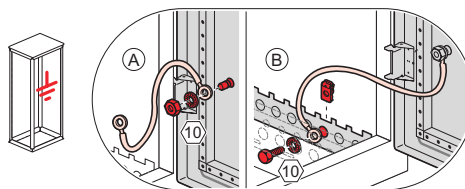
6.10 Pair of supports for heavy loads



Fix directly into the bottom of the enclosure. Adjustable equipment fixing. Supplied complete with M6, M8, M10 fixing device.

Cat. Nos	For enclosures (Width mm)	Max. load (kg)
0 474 75	600	300
0 474 76	800	
0 474 77	1000	

6.11 Protective conductor



For equipotential bonding between the door and the body of the metal enclosures.

Earth braid	Cross-section (mm ²)	Fixing centres (mm)	Hole Ø (mm)
0 347 95	6	200	8.5
0 347 96	16	200	8.5
0 347 97	30	200	8.5

Green/yellow wire	Cross-section (mm ²)	Fixing centres (mm)	Hole Ø (mm)
0 363 95	6	200	6.5

6. ACCESSORIES *(continued)*

6.12 Paintwork touch-up

Aerosol paint spray

RAL 7035 Cat. No. 0 365 97

Beige RAL 7032 Cat. No. 0 365 98

Touch-up brush

Anti-corrosion paint 0 365 91

Allows the sheet steel to be protected after making cut-outs

RAL 7035

Other colours on request

Water-soluble marker pen

For temporary marking Cat. No. 0 395 99

7. 19" ACCESSORIES

19" uprights

Cat. No 0 482 20

Pair of 42 U uprights

(9.5 x 9.5 square pre-drilled plate)

for mounting in 600 or 800 mm

width enclosures.



Hinged 19" chassis

RAL 7035, for Altis enclosures in 1800 or 2000 mm heights and 800 mm width.

Right- or left-hand opening. Opening angle 130°.

Adjustable depth

Double bar closure

Supplied complete with fixing accessories

Cat. Nos	U	Height (mm)	Rated loading (kg)
0 472 96	35	1592	175
0 472 97	40	1792	200