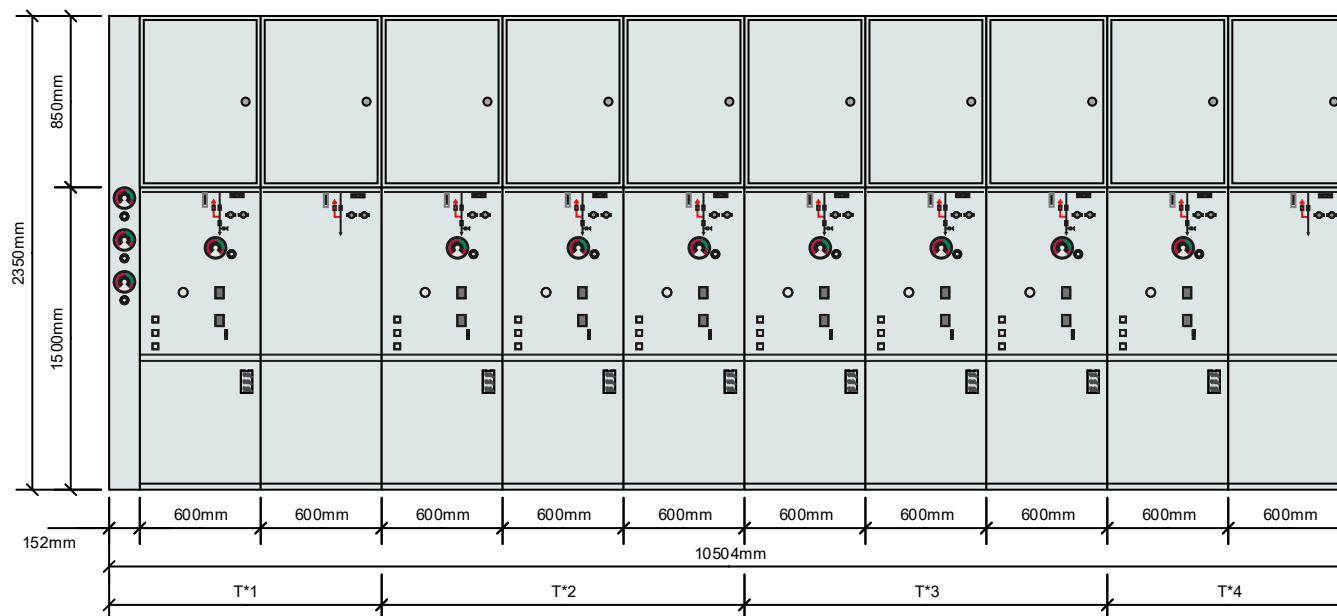


Rated normal current
3150 A

Sh.No 02-

=K01	=K02	=K03	=K04	=K05	=K06	=K07	=K08	=K09	=K10
+K01	+K02	+K03	+K04	+K05	+K06	+K07	+K08	+K09	+K10
=KZ01	=KZ10	=KZ02	=KZ03	=KZ03	=KZ03	=KZ03	=KZ03	=KZ04	=KZ05



Load data and minimum distances		
1.)	Permanent loads Vertical single load G_v	8.2 kN
2.)	Nonpermanent loads Live load q_k	10.5 kN/m ²
3.)	Minimum distances	
	Operating aisle	≥ 800 mm *)
	Minimum wall clearance left or right	≥ 500 mm
	Wall clearance left or right	≥ 100 mm
	Wall clearance rear	
	Free-standing arrangement	≥ 800 mm
	Wall-standing arrangement	≥ 100 mm
	Height of ceiling	≥ 2550 mm

The location and detail diagrams have symbolic character only and do not show the actual scope of supply.

System/rated frequency
3~60 Hz

Operating voltage
10.0 kV

Rated voltage
24.0 kV

Rated short-time withst. curr.
40 kA (3 s)

Rated normal current
3150 A

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Arrangement diagram

Rev0

	=K00
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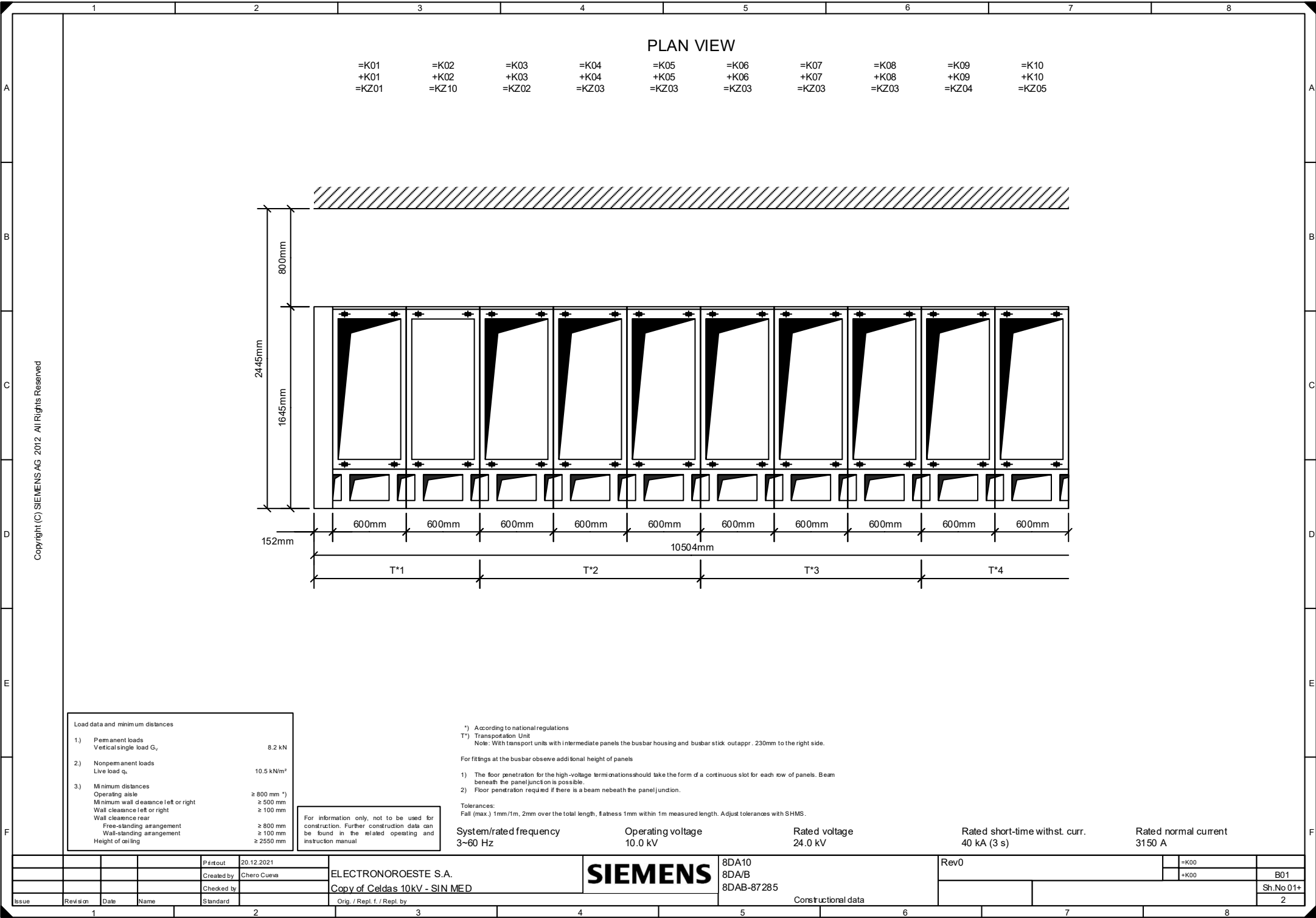
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Sh.No 01+	
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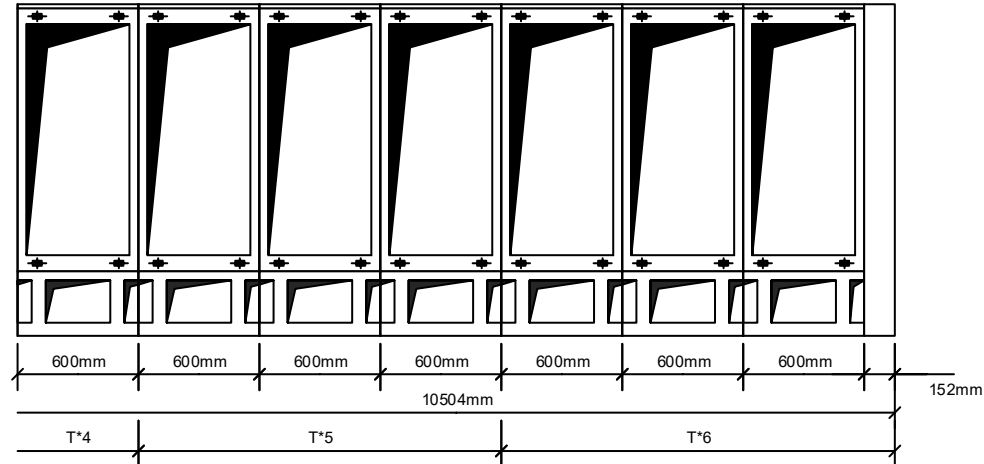
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14





=K11	=K12	=K13	=K14	=K15	=K16	=K17
+K11	+K12	+K13	+K14	+K15	+K16	+K17
=KZ03	=KZ03	=KZ03	=KZ03	=KZ03	=KZ03	=KZ06



Load data and minimum distances		
1.)	Permanent loads Vertical single load G_v	8.2 kN
2.)	Nonpermanent loads Live load q_k	10.5 kN/m ²
3.)	Minimum distances	
	Operating aisle	≥ 800 mm *)
	Minimum wall clearance left or right	≥ 500 mm
	Wall clearance left or right	≥ 100 mm
	Wall clearance rear	
	Free-standing arrangement	≥ 800 mm
	Wall-standing arrangement	≥ 100 mm
	Height of ceiling	≥ 2550 mm

T*) Transportation Unit
Note: With transport units with intermediate panels the busbar housing and busbar stick out approx. 230mm to the right side.

For fittings at the busbar observe additional height of panels

- 1) The floor penetration for the high-voltage terminations should take the form of a continuous slot for each row of panels. Beam beneath the panel junction is possible.
- 2) Floor penetration required if there is a beam beneath the panel junction.

Tolerances:
Fall (max.) 1mm/1m, 2mm over the total length, flatness 1mm within 1m measured length. Adjust tolerances with SHMS.

System/rated frequency
3~60 Hz

Operating voltage
10.0 kV

Rated voltage
24.0 kV

Rated short-time withst. curr.
40 kA (3 s)

Rated normal current
3150 A

For information only, not to be used for construction. Further construction data can be found in the related operating and instruction manual

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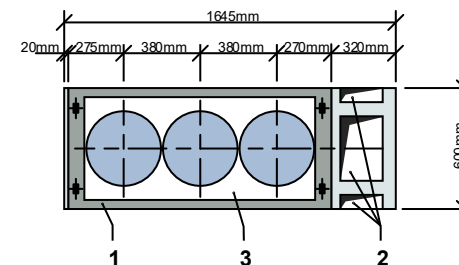
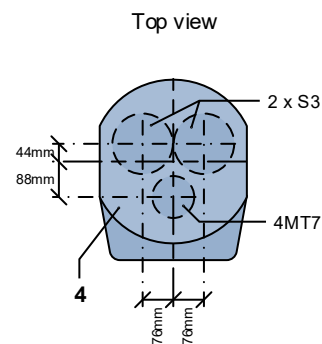
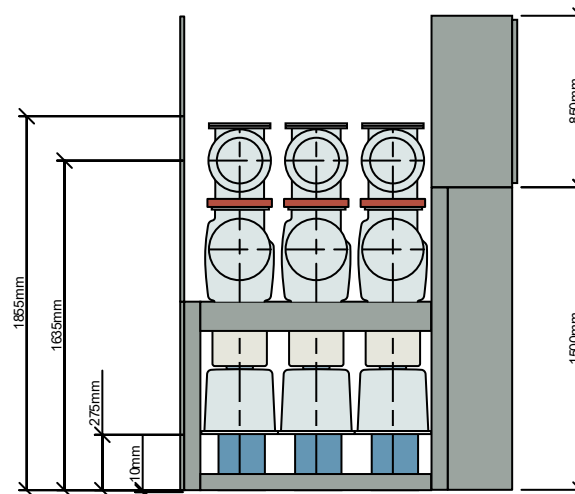
8DA10
8DA/B
8DAB-87285

Constructional data

Rev0

	=K00
	+K00

Sh.No 02-



1. Base frame
2. Area for floor openings for control cables
3. Floor opening (e.g. for high-voltage cable)
4. Plug connection - detail view (optional)

Rated normal current
3150 A

8DA10
8DA/B
8DAB-87285

	=K00
	+K00

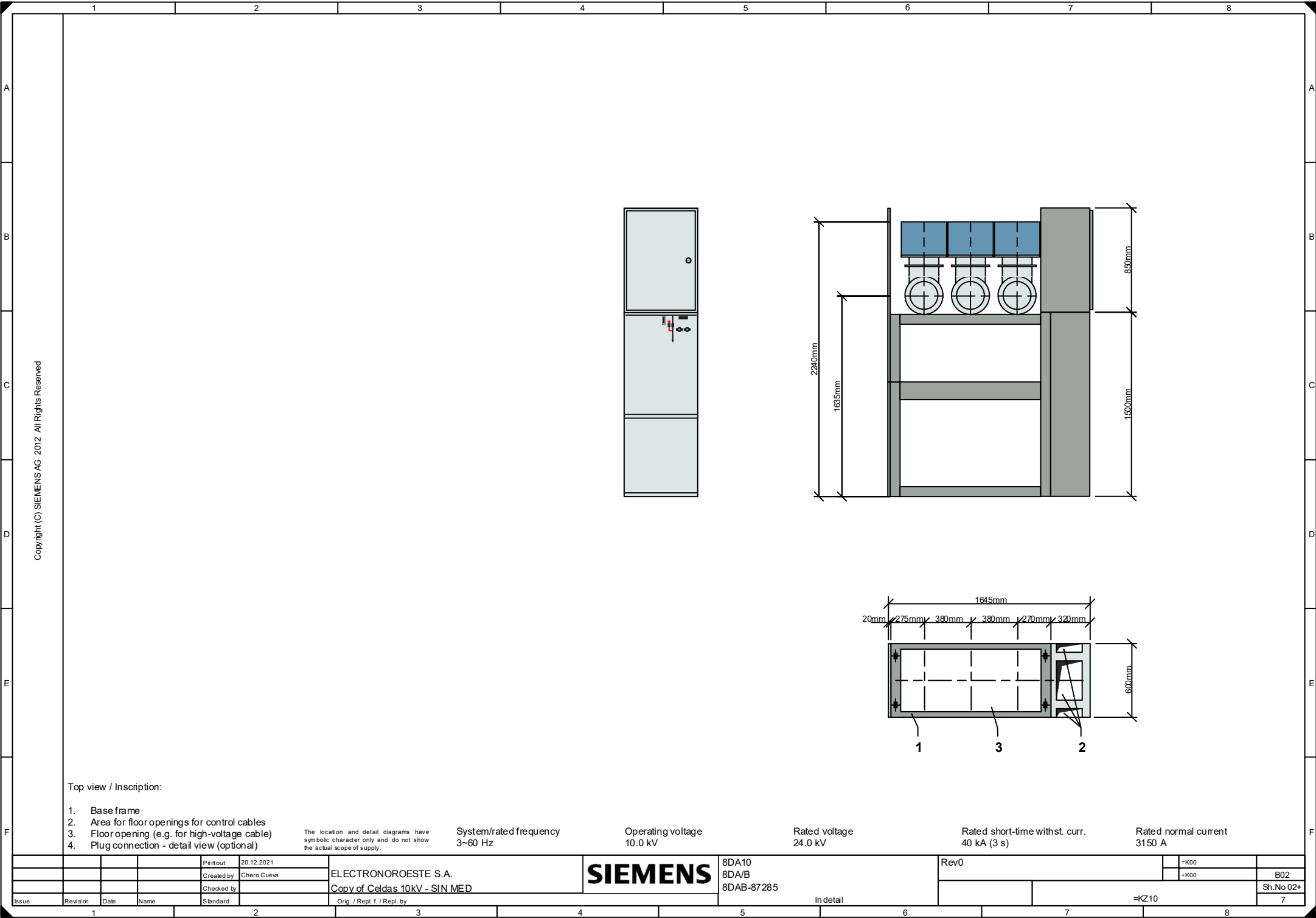
	B01
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Sh.No 01+	
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=KZ01

7

In detail



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Top view / Inscription:

- 1. Base frame
- 2. Area for floor openings for control cables
- 3. Floor opening (e.g. for high-voltage cable)
- 4. Plug connection - detail view (optional)

The location and detail diagrams have symbolic character only and do not show the actual scope of supply.

System/rated frequency
3~60 Hz

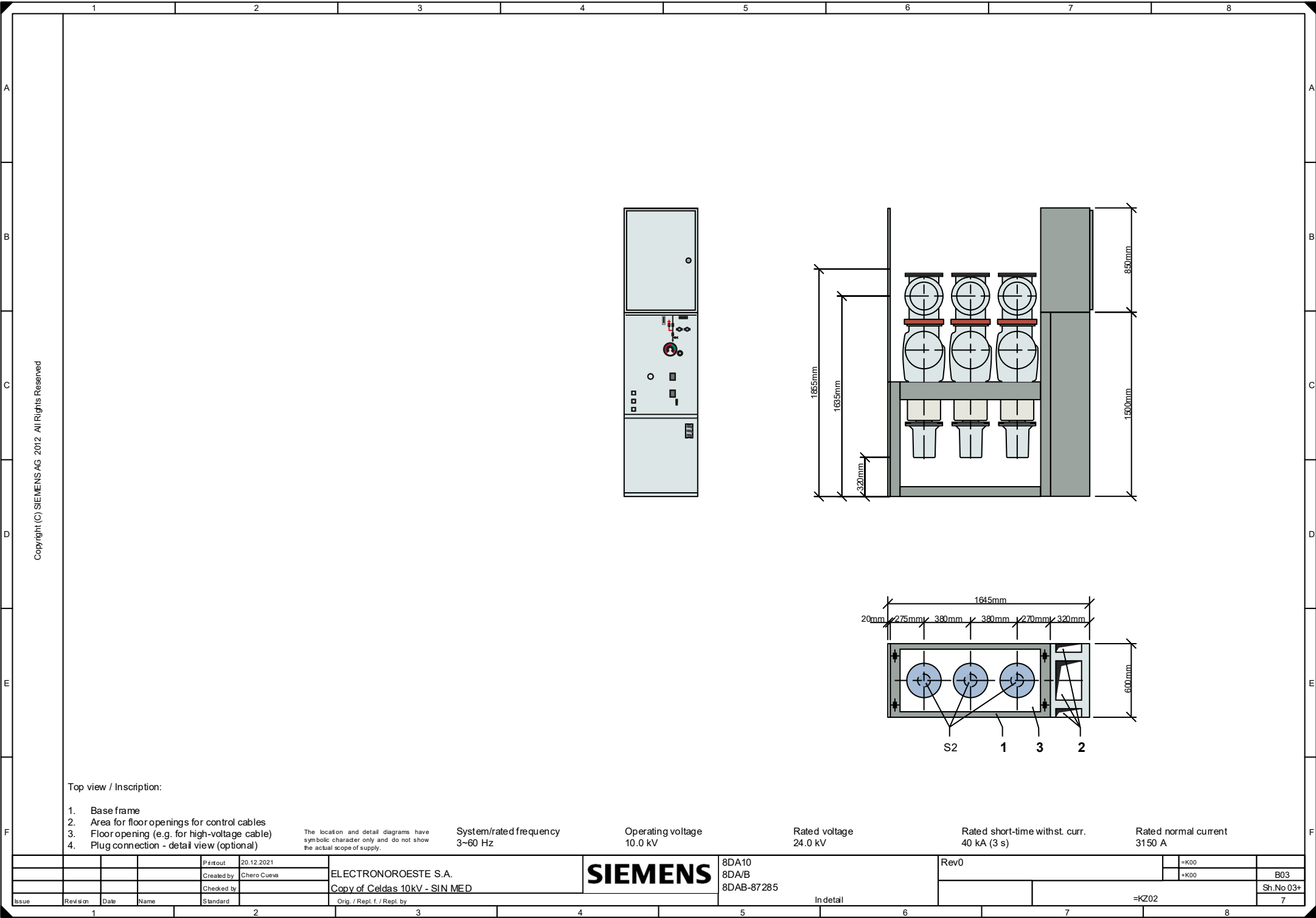
Operating voltage
10.0 kV

Rated voltage
24.0 kV

Rated short-time withst. curr.
40 kA (3 s)

Rated normal current
3150 A

				Printout	20.12.2021	ELECTRONOROESTE S.A.	SIEMENS	8DA10 8DA/B 8DAB-87285	In detail	Rev0				
				Created by	Chero Cueva								+K00	B02
				Checked by										
Issue	Revision	Date	Name	Standard	Copy of Celdas 10kV - SIN MED		Orig. / Repl. f. / Repl. by				=KZ10		Sh.No 02+	
													7	



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Top view / Inscription:

- 1. Base frame
- 2. Area for floor openings for control cables
- 3. Floor opening (e.g. for high-voltage cable)
- 4. Plug connection - detail view (optional)

The location and detail diagrams have symbolic character only and do not show the actual scope of supply.

System/rated frequency
3~60 Hz

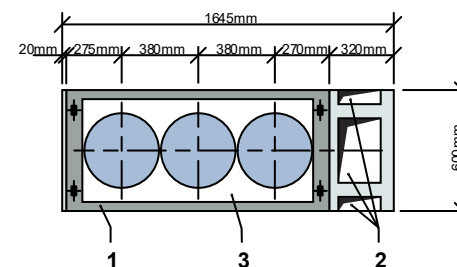
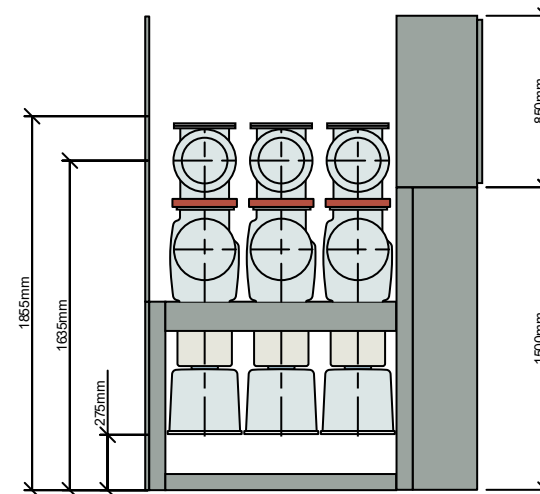
Operating voltage
10.0 kV

Rated voltage
24.0 kV

Rated short-time withst. curr.
40 kA (3 s)

Rated normal current
3150 A

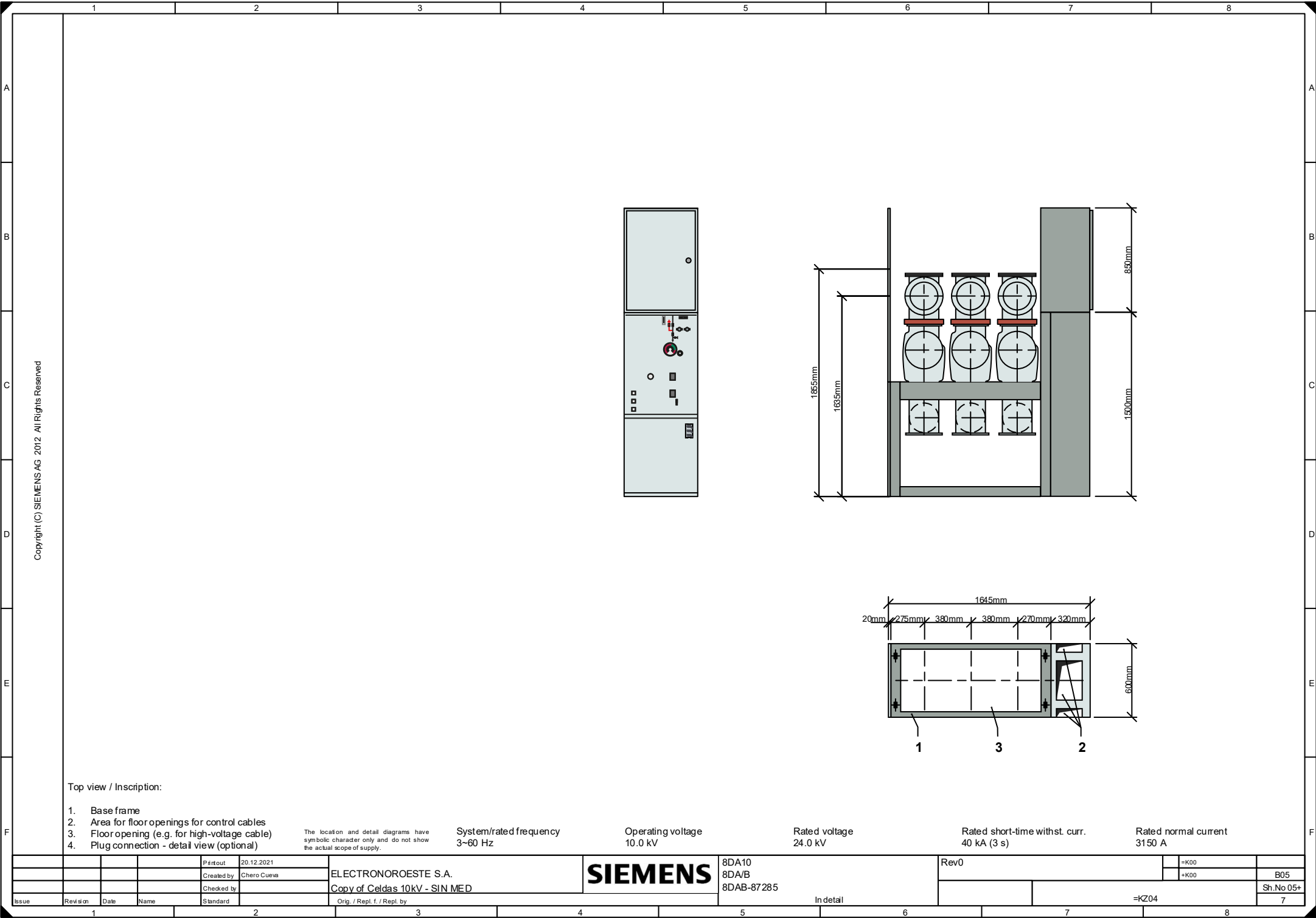
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		Checked by								8DAB-87285						Sh.No 03+	
Issue		Revision		Date		Name		Standard		Orig. / Repl. f. / Repl. by		In detail				=KZ02	
1				2												7	

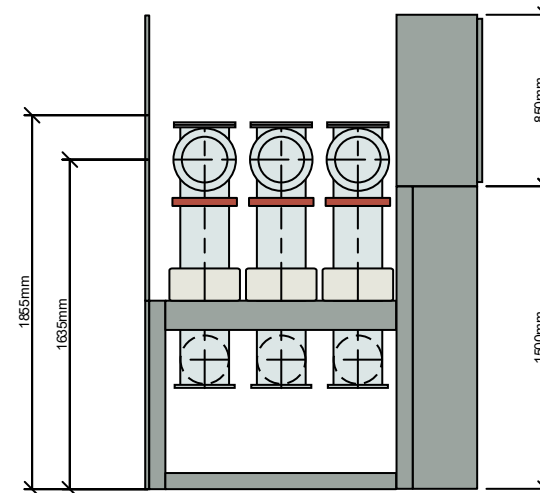


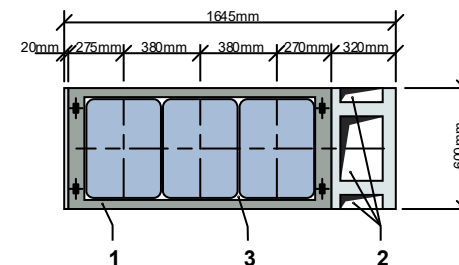
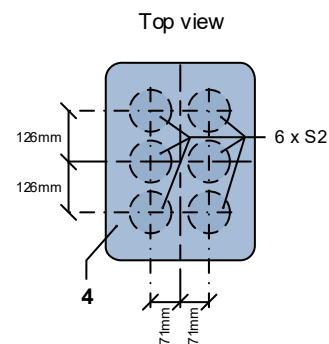
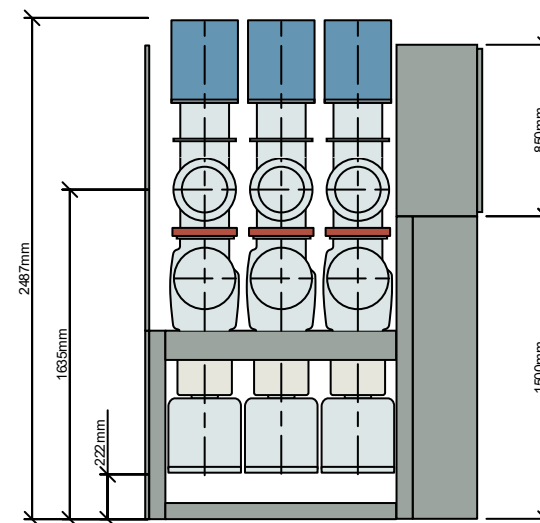
Rated normal current
3150 A

	B04
	Sh.No 04+

Issue	Revision	Date	Name	Standard	Orig. / Repl. f. / Repl. by	In detail	=KZ03	7
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1. Base frame
2. Area for floor openings for control cables
3. Floor opening (e.g. for high-voltage cable)
4. Plug connection - detail view (optional)

Rated normal current
3150 A

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8DA10
8DA/B
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Rev0

	=K00
	+K00

Sh.No 07-

=KZ06

7

In detail