

A

B

C

D

E

F

TYPE : 10-MGD

Name : BANA BIG ROPEWAY

Country : BANA / VIETNAM


Komm.-No. : WAA0002638

## INDEX

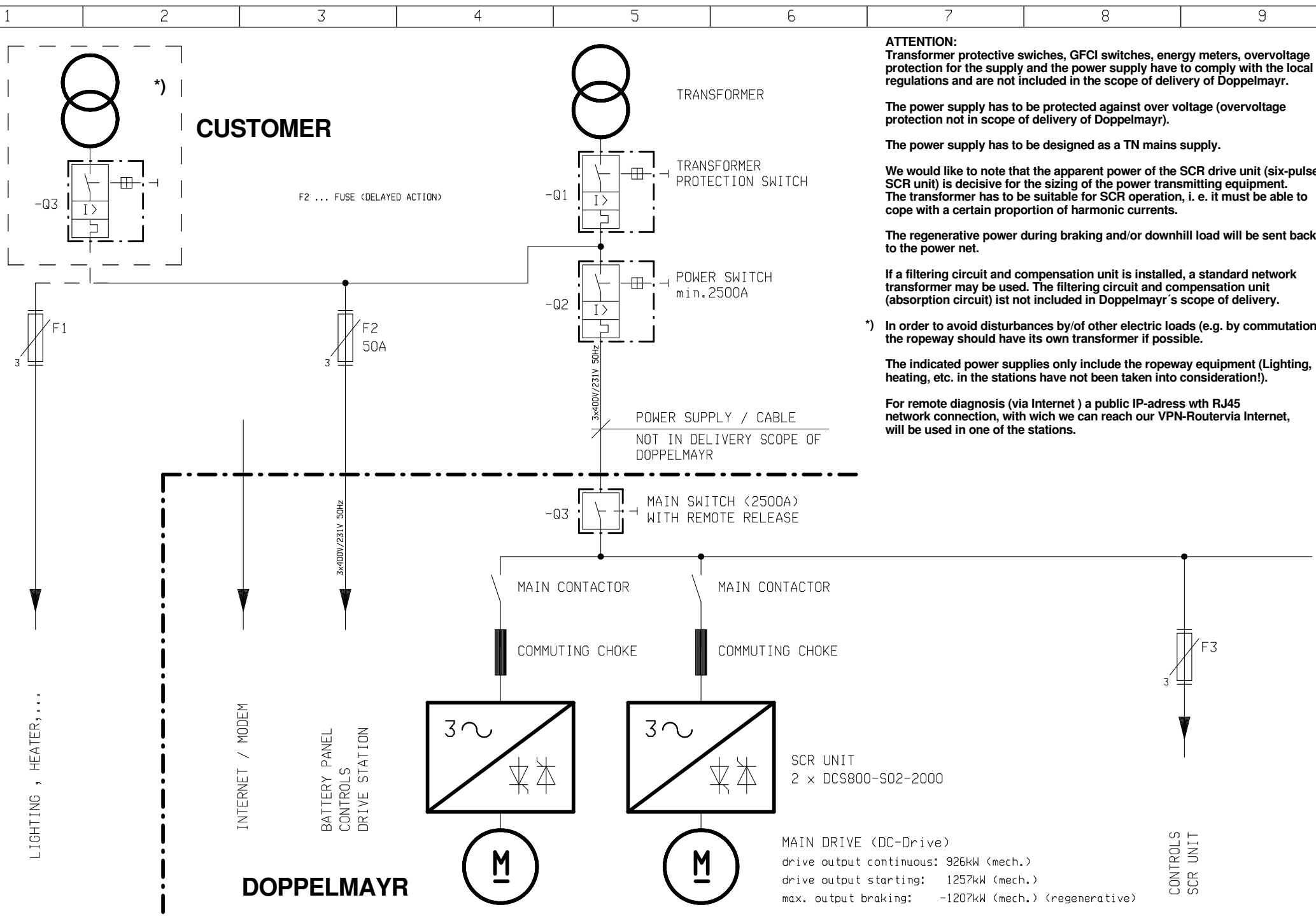
1 POWER REQUIREMENTS  
2 DRIVE STATION  
3 RETURN STATION

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Revision	0.0	Drawn by	L0J	10-MGD BANA BIG ROPEWAY WAA0002119 BANA / VIETNAM	 <b>Doppelmayr</b> <sup>®</sup> Innova Patent GmbH A-6960 WOLFFURT / AUSTRIA	POWER REQUIREMENTS		=A1+			
Date	28.10.11	Dr.ch.by	Fhs			D ST + R ST		INFORMATION		Date	28.10.11
File: INWAA2638										Sheet	:
								Cont.Sheet:	2		

A  
B  
C  
D  
E  
F



**ATTENTION:**  
Transformer protective switches, GFCI switches, energy meters, overvoltage protection for the supply and the power supply have to comply with the local regulations and are not included in the scope of delivery of Doppelmayr.

The power supply has to be protected against over voltage (overvoltage protection not in scope of delivery of Doppelmayr).

The power supply has to be designed as a TN mains supply.

We would like to note that the apparent power of the SCR drive unit (six-pulse SCR unit) is decisive for the sizing of the power transmitting equipment. The transformer has to be suitable for SCR operation, i. e. it must be able to cope with a certain proportion of harmonic currents.

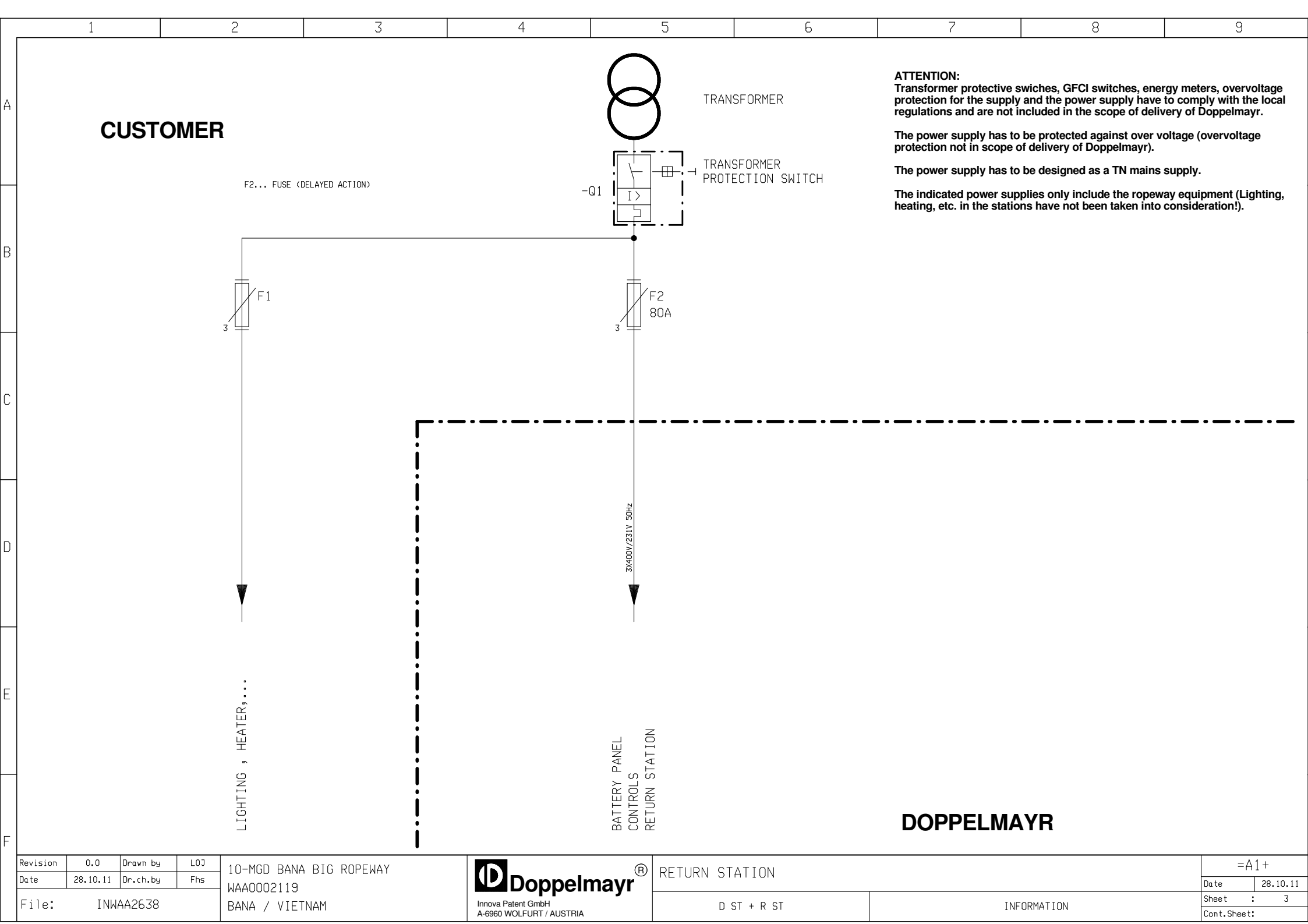
The regenerative power during braking and/or downhill load will be sent back to the power net.

If a filtering circuit and compensation unit is installed, a standard network transformer may be used. The filtering circuit and compensation unit (absorption circuit) is not included in Doppelmayr's scope of delivery.

\*) In order to avoid disturbances by/of other electric loads (e.g. by commutation), the ropeway should have its own transformer if possible.

The indicated power supplies only include the ropeway equipment (Lighting, heating, etc. in the stations have not been taken into consideration!).

For remote diagnosis (via Internet) a public IP-adress with RJ45 network connection, with which we can reach our VPN-Routervia Internet, will be used in one of the stations.



**ATTENTION:**  
Transformer protective swiches, GFCI switches, energy meters, overvoltage protection for the supply and the power supply have to comply with the local regulations and are not included in the scope of delivery of Doppelmayr.

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RETURN STATION	
D ST + R ST	INFORMATION

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Date	28.10.11
Sheet	3
Cont.Sheet:	