Extract from test report for NS protection		Nr: 2015 – 153	<u>30</u>	
"Determination of electrical properties"				
□ NS protection as cer	ntral NS pro	tection		
Type of NS protection: Software version: Manufacturer:		Other manufacturer's data		
manuacturer.				
Measuring period: from JJJJ-MM-TT to JJJ.	J-MM-TT			
Protection function	Setting value	Tripping value	Tripping time NS protection ^a	
Voltage drop protection $U <$	0,8 * U n	* U n	ms	
Rise-in-voltage protection $U >$	1,1 * <i>U</i> n	* U n	ms	
Rise-in-voltage protection $U >>$	1,15 * <i>U</i> n	* U n	ms	
Frequency decrease protection f <	47,5 Hz	Hz	ms	
Frequency increase protection $f >$	51,5 Hz	Hz	ms	
NS protection as interpretation as interpretation.	tegrated NS	protection		
Type of NS protection: Steca-ENS		protection Other manufact	urer's data	
•	higher	Assigned to PG StecaGrid 1500, StecaGrid 1800, StecaGrid 2500x StecaGrid 3000x StecaGrid 4200x Integrated interf Type of Swi	U type: StecaGrid 1500x, StecaGrid 2000, StecaG StecaGrid 1800x, StecaGrid 2300, StecaG , StecaGrid 3010, StecaGrid 3010x, StecaG , StecaGrid 3600, StecaGrid 3600x, StecaG ace switch tching equipment 1 relay	rid 2500, Grid 3000,
Type of NS protection: Steca-ENS Software version: NET11_ENS_2.9 or Manufacturer: Steca Elektronik Gr Mammostraße 1 87700 Memmingen	higher mbH	Assigned to PG StecaGrid 1500, StecaGrid 1800, StecaGrid 2500x StecaGrid 3000x StecaGrid 4200x Integrated interf Type of Swi	U type: StecaGrid 1500x, StecaGrid 2000, StecaG StecaGrid 1800x, StecaGrid 2300, StecaG , StecaGrid 3010, StecaGrid 3010x, StecaG , StecaGrid 3600, StecaGrid 3600x, StecaG , StecaGrid 3600x	rid 2500, Grid 3000,
Type of NS protection: Steca-ENS Software version: NET11_ENS_2.9 or Manufacturer: Steca Elektronik Gr Mammostraße 1 87700 Memmingen Germany Measuring period: from 2011-08-01 to 2011	higher mbH	Assigned to PG StecaGrid 1500, StecaGrid 1800, StecaGrid 2500x StecaGrid 3000x StecaGrid 4200x Integrated interl Type of Swi	U type: StecaGrid 1500x, StecaGrid 2000, StecaG StecaGrid 1800x, StecaGrid 2300, StecaG, StecaGrid 3010, StecaGrid 3010x, StecaG, StecaGrid 3600, StecaGrid 3600x, StecaGrid 360	rid 2500, Grid 3000,
Type of NS protection: Steca-ENS Software version: NET11_ENS_2.9 or Manufacturer: Steca Elektronik Gr Mammostraße 1 87700 Memmingen Germany Measuring period: from 2011-08-01 to 2011 Protection function	higher mbH -12-21 Setting value	Assigned to PG StecaGrid 1500, StecaGrid 1800, StecaGrid 2500x StecaGrid 3000x StecaGrid 4200x Integrated interf Type of Swi Type of Swi	U type: StecaGrid 1500x, StecaGrid 2000, StecaG StecaGrid 1800x, StecaGrid 2300, StecaG, StecaGrid 3010, StecaGrid 3010x, StecaG, StecaGrid 3600, StecaGrid 3600x, StecaG StecaGrid 3600 StecaGrid 3600x StecaGrid 3010x StecaGrid 2000, StecaGrid 3010x StecaGrid 3010x StecaGrid 2000, StecaGrid 3010x StecaGrid 3600x StecaGrid 3600	rid 2500, Grid 3000,
Type of NS protection: Steca-ENS Software version: NET11_ENS_2.9 or Manufacturer: Steca Elektronik Gr Mammostraße 1 87700 Memmingen Germany Measuring period: from 2011-08-01 to 2011 Protection function Voltage drop protection U <	higher mbH	Assigned to PG StecaGrid 1500, StecaGrid 1800, StecaGrid 2500x StecaGrid 3000x StecaGrid 4200x Integrated interl Type of Swi	U type: StecaGrid 1500x, StecaGrid 2000, StecaG StecaGrid 1800x, StecaGrid 2300, StecaG , StecaGrid 3010, StecaGrid 3010x, StecaG , StecaGrid 3600, StecaGrid 3600x, StecaG ace switch tching equipment 1 relay tching equipment 2 relay Tripping time NS protection ^a 185 ms	rid 2500, Grid 3000,
Type of NS protection: Steca-ENS Software version: NET11_ENS_2.9 or Manufacturer: Steca Elektronik Gr Mammostraße 1 87700 Memmingen Germany Measuring period: from 2011-08-01 to 2011 Protection function	higher mbH -12-21 Setting value	Assigned to PG StecaGrid 1500, StecaGrid 1800, StecaGrid 2500x StecaGrid 3000x StecaGrid 4200x Integrated interf Type of Swi Type of Swi	U type: StecaGrid 1500x, StecaGrid 2000, StecaG StecaGrid 1800x, StecaGrid 2300, StecaG, StecaGrid 3010, StecaGrid 3010x, StecaG, StecaGrid 3600, StecaGrid 3600x, StecaG StecaGrid 3600 StecaGrid 3600x StecaGrid 3010x StecaGrid 2000, StecaGrid 3010x StecaGrid 3010x StecaGrid 2000, StecaGrid 3010x StecaGrid 3600x StecaGrid 3600	rid 2500, Grid 3000,
Type of NS protection: Steca-ENS Software version: NET11_ENS_2.9 or Manufacturer: Steca Elektronik Gr Mammostraße 1 87700 Memmingen Germany Measuring period: from 2011-08-01 to 2011 Protection function Voltage drop protection U <	higher mbH -12-21 Setting value 0,8 * U n	Assigned to PG StecaGrid 1500, StecaGrid 1800, StecaGrid 2500x StecaGrid 3000x StecaGrid 4200x Integrated interf Type of Swi Type of Swi Tripping value 0,8 * U n	U type: StecaGrid 1500x, StecaGrid 2000, StecaG StecaGrid 1800x, StecaGrid 2300, StecaG , StecaGrid 3010, StecaGrid 3010x, StecaG , StecaGrid 3600, StecaGrid 3600x, StecaG ace switch tching equipment 1 relay tching equipment 2 relay Tripping time NS protection ^a 185 ms	rid 2500, Grid 3000,
Type of NS protection: Steca-ENS Software version: NET11_ENS_2.9 or NET11	higher mbH -12-21 Setting value 0,8 * U n 1,1 * U n	Assigned to PG StecaGrid 1500, StecaGrid 1800, StecaGrid 2500x StecaGrid 3000x StecaGrid 4200x Integrated interf Type of Swi Type of Swi Type of Swi Tripping value 0,8 * U n	U type: StecaGrid 1500x, StecaGrid 2000, StecaG StecaGrid 1800x, StecaGrid 2300, StecaG , StecaGrid 3010, StecaGrid 3010x, StecaG , StecaGrid 3600, StecaGrid 3600x, StecaG ace switch tching equipment 1 relay tching equipment 2 relay Tripping time NS protection ^a 185 ms	rid 2500, Grid 3000,
Type of NS protection: Steca-ENS Software version: NET11_ENS_2.9 or NET11	-12-21 Setting value 0,8 * U n 1,1 * U n 1,15 * U n	Assigned to PG StecaGrid 1500, StecaGrid 1800, StecaGrid 2500x StecaGrid 3000x StecaGrid 4200x Integrated interf Type of Swi Type of Swi Type of Swi Tripping value 0,8 * U n	U type: StecaGrid 1500x, StecaGrid 2000, StecaG StecaGrid 1800x, StecaGrid 2300, StecaG , StecaGrid 3010, StecaGrid 3010x, StecaG , StecaGrid 3600, StecaGrid 3600x, StecaG ace switch tching equipment 1 relay tching equipment 2 relay Tripping time NS protection ^a 185 ms 187 ms	rid 2500, Grid 3000,
Type of NS protection: Steca-ENS Software version: NET11_ENS_2.9 or NET11	-12-21 Setting value 0,8 * U n 1,1 * U n 1,15 * U n 47,5 Hz	Assigned to PG StecaGrid 1500, StecaGrid 1800, StecaGrid 2500x StecaGrid 3000x StecaGrid 4200x Integrated interf Type of Swi Type of Swi Type of Swi Tripping value 0,8 * U n 1,1 * U n 1,15 * U n 47,5 Hz	U type: StecaGrid 1500x, StecaGrid 2000, StecaG StecaGrid 1800x, StecaGrid 2300, StecaG , StecaGrid 3010, StecaGrid 3010x, StecaG , StecaGrid 3600, StecaGrid 3600x, StecaG ace switch tching equipment 1 relay tching equipment 2 relay Tripping time NS protection ^a 185 ms 187 ms 184 ms	rid 2500, Grid 3000,