Ordering

The basic version of REB 551 is a breaker protection terminal with built-in breaker failure protection and synchro-check. System supervision functions, event recorder and one I/O module is included in the basic version:

Ordering Number: 1MRK 000 498-AA **Quantity:** ☐

Basic data:

Frequency, f_r	50/60 Hz
Ac voltage, U_r	100/110/115/120 V
Dc voltage, EL	48/60/110/125/220/250 V

Basic data to specify:

Rated current, I_r	☐ 1A	☐ 5A		
Interface dc voltage, RL 1	☐ 24/30 V	☐ 48/60 V	☐ 110/125 V	☐ 220/250 V

Options:

Binary in/out module, 8 inputs and 12 output relays.
Totally 3 I/O modules can be selected (4 if not the voltage selection option is selected.

Quantity (specify interface dc voltage RL2 below) 1 ☐ 2 ☐ 3 ☐ (4 ☐)

Interface dc voltage, RL2:

☐ 24/30 V	☐ 48/60 V	☐ 110/125 V	☐ 220/250 V
1MRK 000 173-GA	1MRK 000 173-AB	1MRK 000 173-BB	1MRK 000 173-CB

Autorecloser, single- and/or three-phase for multibreaker system	☐ 1MRK 000 291-AA
Loss of power system voltage	☐ 1MRK 000 292-AA
Disturbance recorder (only one alternative can be selected):	
Disturbance recorder	☐ 1MRK 000 293-AA
Disturbance recorder with extended memory	☐ 1MRK 001 379-AA
Voltage selection including one I/O module in position S23 (using RL 2 as selected above)	☐ 1MRK 000 295-AA
On line control function 1(10 signals)	☐ 1MRK 000 296-AA
On-line control function 2 (50 signals)	☐ 1MRK 000 297-AA
Simulation logic	☐ 1MRK 000 298-AA
Remote communication (SMS/SCS)	☐ 1MRK 000 294-AA

Bus connection unit for remote communication, type SPA-ZC21 (one for each port if used):

Transmitter	**Receiver**	**Quantity:**		
Plastic	Plastic	1 ☐	2 ☐	1MRK 000 194-AA
Plastic	Glass	1 ☐	2 ☐	1MRK 000 194-BA
Glass	Plastic	1 ☐	2 ☐	1MRK 000 194-CA
Glass	Glass	1 ☐	2 ☐	1MRK 000 194-DA

The following supplementing auxiliary units may be selected:

Interface dc voltage RL ☐ 24 V ☐ 48 V ☐ 110 V
☐ 125 V ☐ 220 V ☐ 250 V

Trip units mounted in RHGS case with:
(in case of doubts RXMS 1 variant E is suggested)

Aux. relays RXMS 1 for single-phase and three-phase trip ☐ 1MRK 000 300-AA
Variant of RXMS 1 ☐ A ☐ B ☐ E

Aux. relays RXMS 1 for single-phase and three-phase trip ☐ 1MRK 000 301-AA
Trip circuit supervision SPER. Lock-out relay RXMVE
Variant of RXMS 1 ☐ A ☐ B ☐ E

Aux. relays RXMS 1 for three-phase trip ☐ 1MRK 000 304-AA
Variant of RXMS 1 ☐ A ☐ B ☐ E

Aux. relays RXMS 1 for three-phase trip ☐ 1MRK 000 305-AA
Trip circuit supervision SPER. Lock-out relay RXMVE
Variant of RXMS 1 ☐ A ☐ B ☐ E

COMBITEST test switch module RTXP 24 mounted with
the terminal in RHGS6 case with window door ☐ 1MRK 000 371-CA
☐ Internal earthing ☐ External earthing
On/Off switch for the dc-supply ☐ RK795 017-AA

Mounting details with IP40 degree of protection from the front:

19” rack	☐ 1MRK 000 020-BR
Wall mounting	☐ 1MRK 000 020-DA
Flush mounting	☐ 1MRK 000 020-Y
additional for IP54 (protection terminal only)	☐ 1MKC 980 001-2
Semi-flush mounting	☐ 1MRK 000 020-BS
additional for IP54 (protection terminal only)	☐ 1MKC 980 001-2
No mounting details	☐

Accessories:

User’s Guide for REB 551	**Quantity:**		1MDU05011-EN
Front connection cable for PC (Opto/9-pol D-sub)	**Quantity:**		1MKC 950 001-1
SMS-BASE Basic program for SMS and PC front connection	**Quantity:**		RS 881 007-AA
SM/REB 551 SMS Program module for REB 551	**Quantity:**		1MRK 000 314-EB
RECOM Disturbance collection program, version 1.3	**Quantity:**		1MRK 000 077-DB
REVAL Disturbance evaluation program, english version	**Quantity:**		1MRK 000 078-AA
CAP 531 - Graphical configuration tool	**Quantity:**		1MRK 000 876-KA
CAP/REB 551, CAP program module for REB 551 [1)]	**Quantity:**		1MRK 000 876-FA

[1)] SMS-BASE and SM/REB 551 is required

For our reference and statistics we would be pleased if we are provided with the following application data:

Country: End user:

Station name: Voltage level: kV