



ABB Network Partner AB

REL 551  
1MRK 506 005-UEN

Chapter 7

## ***Protection and control functions***

**7.1 Functionality introduction**

**7.2 Terminal identification**

**7.3 Configuration logic circuits**

**7.4 Activation of setting group**

**7.5 Restricted settings via man machine interface unit**

**7.6 Line differential protection**

**7.7 Instantaneous overcurrent protection**

**7.8 Overcurrent protection**

**7.9 Tripping logic**

**7.10 CT Supervision**

**7.11 Autoreclosing - Three-phase**

**7.12 Autoreclosing - Single and/  
or Three-phase**

**7.13 Breaker failure protection**

**7.14 Non-directional earth-fault overcurrent protection for solidly earthed networks**

**7.15 Simulation logic**

### 7.16 On-line control function