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Relay Settings for a Motor with Power Factor Correction Capacitor, Application and setting guide (English - pdf - Information) SPAM 150 C/REM610, Contactor controlled motor drives, CT requirements and protection, Application note and setting guide (English - pdf - Information)

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Relay calculation, the relay should be set according to the ratio of the starting current and the corrected rated current. I.e. the relay is set for a starting current = $511.4A / 60.1A = 8.51$ times the rated current, instead of 7.8 times. The actual start current of the motor may be reduced because of the reduced phase

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current exceeds the set value by more than 5% for an extended period of time. The motor full load current setting I 0 in the SPAM 150 C relay is adjustable within the range $n0.50-1.50 \times I$. The selection of the CT rated primary current, for example, $2 \times FLC$, can be compensated for in the relay by setting the scaling factor I0 = $IPLC/ICT = 0.5$.

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Application and Setting Guide REF542plus 5 1. Scope This document describes the applica tion of auto-reclosing, AR, in REF542 plus. The auto-reclose function is primarily designed to operate with the internal feeder protection functions of REF542 plus, for example, the directional or non-directional

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Application and Setting Guide REF 542 plus For this reason, it is necessary to stabilize the differential protection by means of a so called bias current.

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