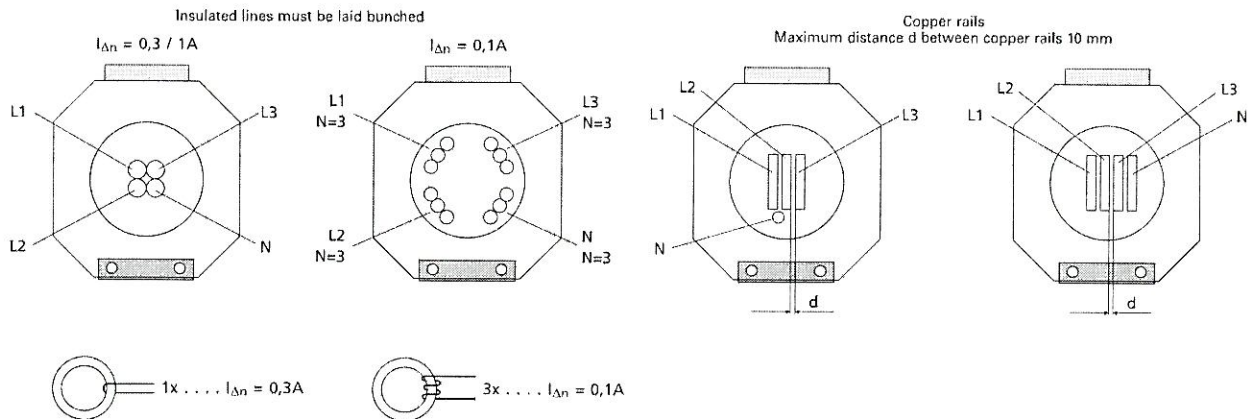


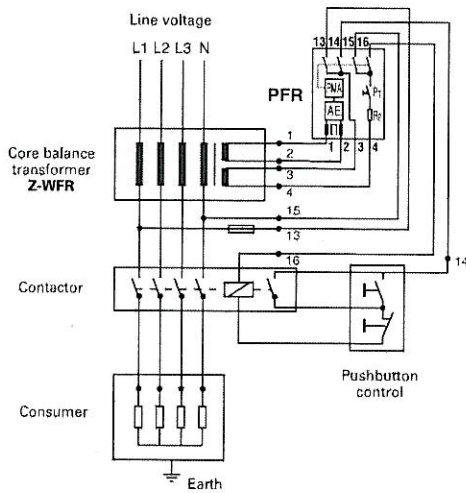
Protective Devices

Important Information for Installation

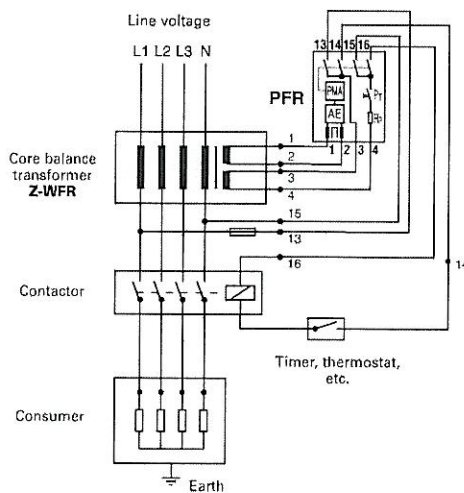
All lines required for operation, L1, L2, and L3 including neutral N, must be routed through the transformer as follows:



Impulse Contact Control



Continuous Contact Control



Two possible switching examples.

- Attention:**
- Connect terminals 1-4 of the relay to the terminals 1-4 of the transformer (see switching examples)!
 - 1+2: secondary winding; 3+4: test winding
 - Supply terminals 13 and 15 as shown, so that the test circuit can work korrekt!

Rated Tripping Current Matching

Matching of the rated tripping current, 0.1 or 0.3 A, is achieved by the number of turns in the primary winding of the transformer (in PFR2-03-S/A, PFR3-03-S/A, PFR2-03-U and PFR3-03-U).

Residual Current Relay	Transformer	Rated tripping current $I_{\Delta N}$ (A)	Number of primary turns	Maximum cable diameter (mm)	Maximum primary current (A)
PFR2-03-U (S/A)	Z-WFR2	0,1	3	60	150
		0,3	1	60	400
PFR3-03-U (S/A)	Z-WFR3	0,1	3	130	65
		0,3	1	130	400
PFR2-1-U (S/A)	Z-WFR2	1,0	1	60	400
PFR3-1-U (S/A)	Z-WFR3	1,0	1	130	400