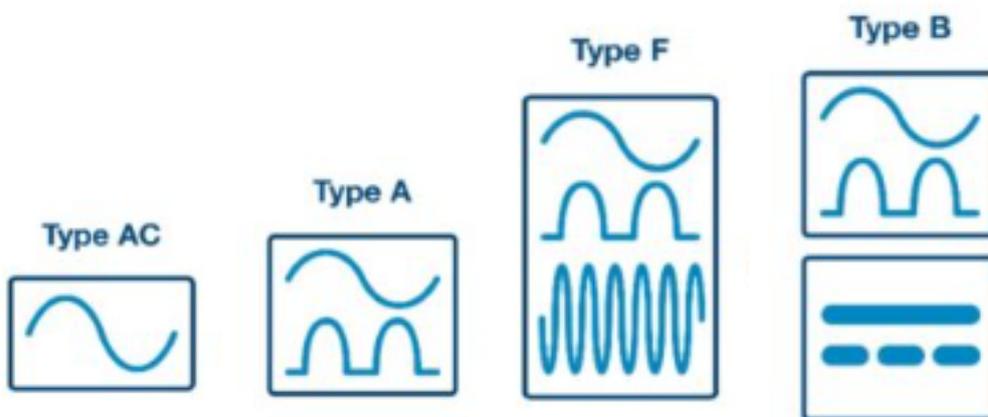


Electrical Installations Regulations Updates –Further awareness.

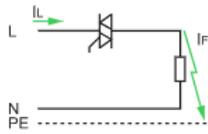
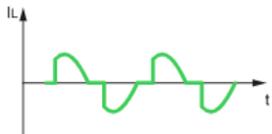
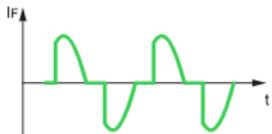
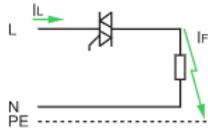
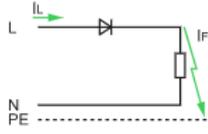
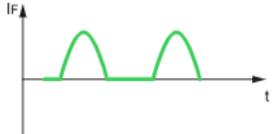
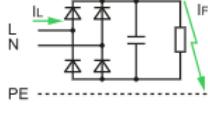
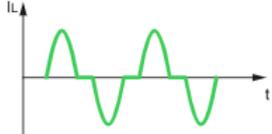
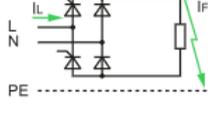
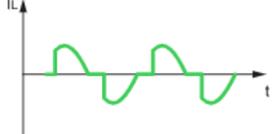
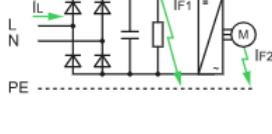
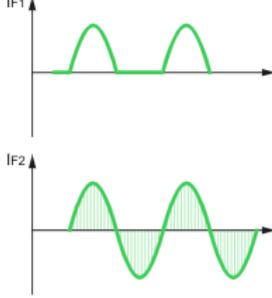
RCD's for earth fault protection:

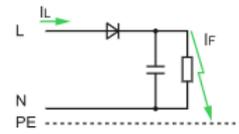
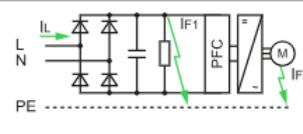
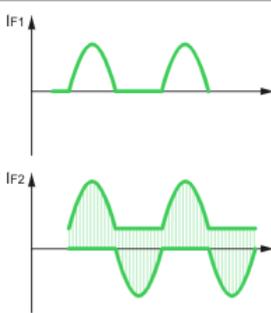
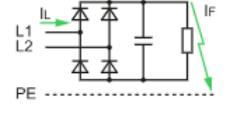
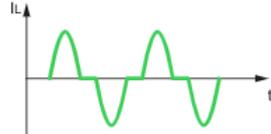
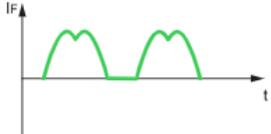
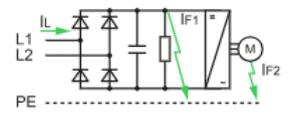
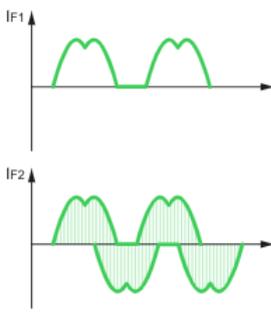
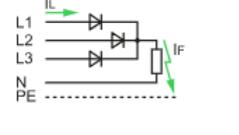
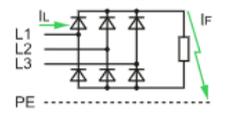
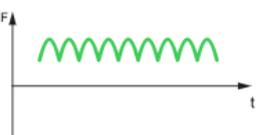
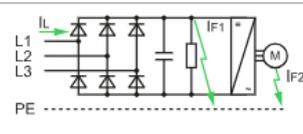
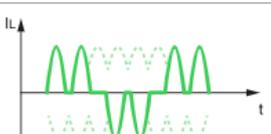
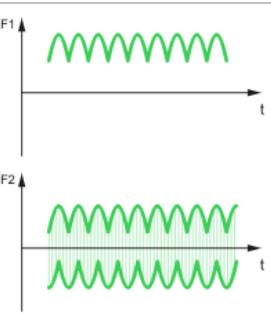
Types of RCD's, their identification and their appropriate use:

- Symbols how to identify the RCD type:



➤ Table showing the type of fault currents and the appropriate Type of RCD protection.

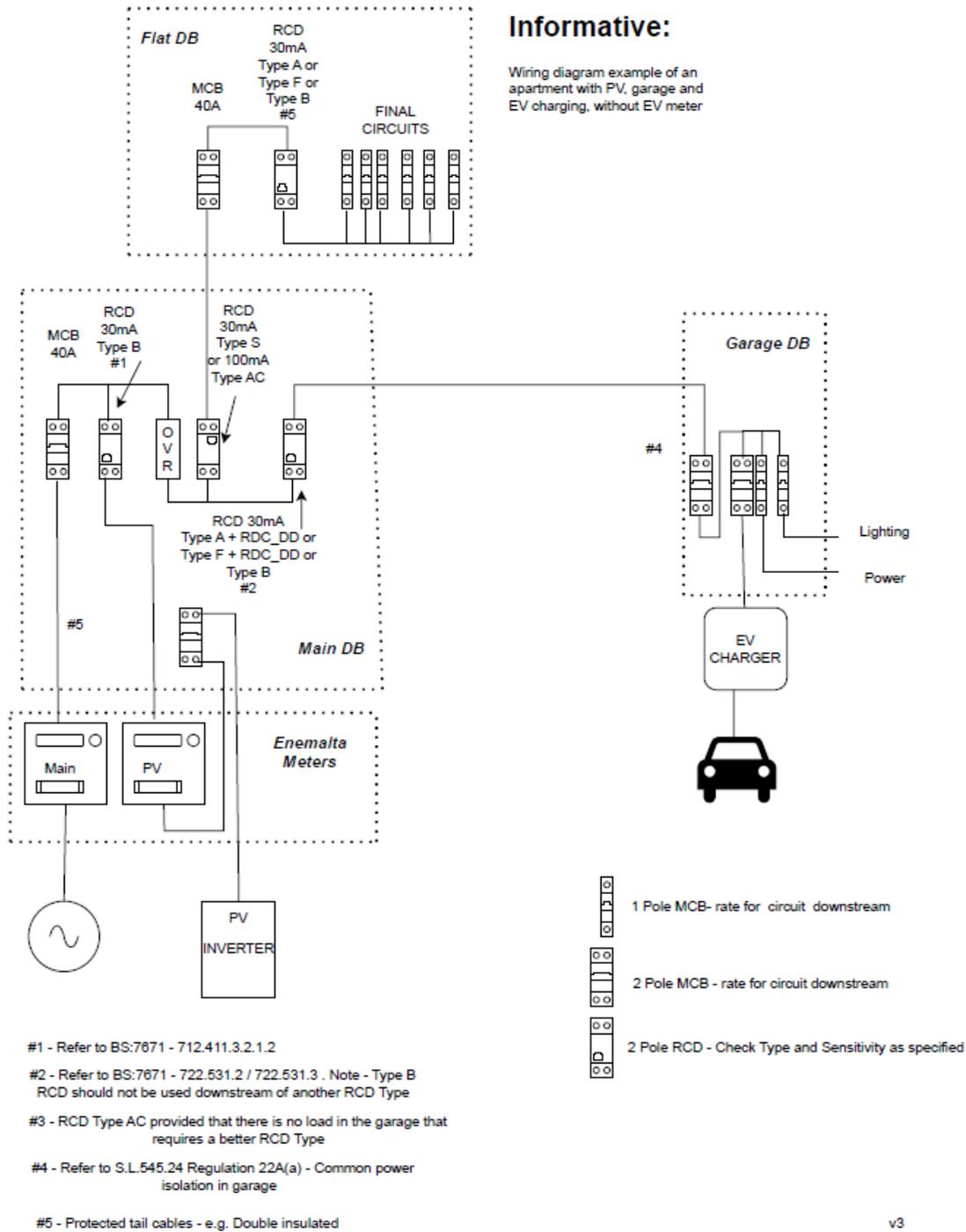
	Circuit diagram with fault location	Shape of line current I_L	Shape of earth fault current I_F	RCD tripping characteristic
1	Phase control 			AC, A, F, B
2	Burst control 			AC, A, F, B
3	Single-phase 			A, F, B
4	Two-pulse bridge 			A, F, B
5	Two-pulse bridge, half controlled 			A, F, B
6	Frequency inverter with two-pulse bridge 			F, B

7	Single-phase with smoothing				B
8	Frequency inverter with two-pulse bridge and PFC				B
9	Two-pulse bridge between phases				B
10	Frequency inverter with two-pulse bridge between phases				B
11	Three-phase star				B
12	Six-pulse bridge				B
13	Frequency inverter with six-pulse bridge				B

IEC 60755 - F52

Informative ; examples of wiring schemes for information only:

(These are the minimum requirements; one can add any additional protection as necessary)



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