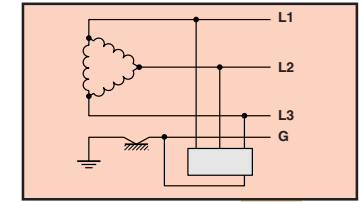


Industrial Applications



Network Voltage (U_n) - 208Y/120V - 3PH Wye - 4W+G

Main Distribution Board
High Lightning Risk Area

- MCB 32A K curve
- 3 x OVR 100-275 s P TS + OVR 100 NP

Sub Distribution Board
High Lightning Risk Area

- MCB 20A K curve
- OVR 3N 40-275 s P

Main Distribution Board
Low Lightning Risk

- MCB 25A K curve
- OVR 3N 65-275 s P

Sub Distribution Board
Low Lightning Risk

- MCB 10A K curve
- OVR 3N 15-275

Network Voltage (U_n) - 240V - 3PH Delta - 3W+G

Main Distribution Board
High Lightning Risk Area

- MCB 32A K curve
- 3 x OVR 100-275 s P TS

Sub Distribution Board
High Lightning Risk Area

- MCB 20A K curve
- OVR 3L 40-275 s P

Main Distribution Board
Low Lightning Risk

- MCB 25A K curve
- OVR 3L 65-275 s P

Sub Distribution Board
Low Lightning Risk

- MCB 10A K curve
- OVR 3L 15-275 P

Network Voltage (U_n) - 480Y/277V - 3PH Wye - 4W+G

Main Distribution Board
High Lightning Risk Area

- MCB 32A K curve
- 3 x OVR 100-440 s P TS + OVR 100 NP

Sub Distribution Board
High Lightning Risk Area

- MCB 20A K curve
- OVR 3N 40-440 s P

Main Distribution Board
Low Lightning Risk

- MCB 25A K curve
- OVR 3N 65-440 s P

Sub Distribution Board
Low Lightning Risk

- MCB 10A K curve
- 3 x OVR 15-440 P + OVR 65 NP

Network Voltage (U_n) - 480V - 3PH Delta - 3W+G

Main Distribution Board
High Lightning Risk Area

- MCB 25A K curve
- 3 x OVR 65-550 s

Sub Distribution Board
High Lightning Risk Area

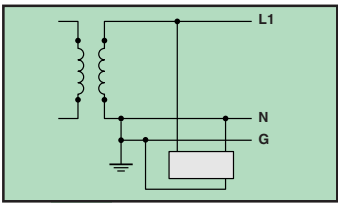
- MCB 20A K curve
- 3 x OVR 40-550 s

Main Distribution Board
Low Lightning Risk

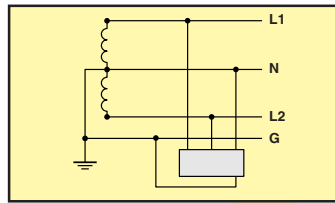
- MCB 20A K curve
- 3 x OVR 40-550 s

Sub Distribution Board
Low Lightning Risk

- MCB 10A K curve
- 3 x OVR 15-550



Domestic Applications (House)



Network Voltage (U_n) - 120V - 1PH, 2W+G

Highly exposed Area
House with Lightning Protection
Overhead power supply lines
antenna on the roof

MCB 25A K curve

OVR 1N 65-150 s P

House

MCB 10A K curve

OVR 1N 15-150 P

Network Voltage (U_n) - 240/120V - 1PH, 3W+G

Highly exposed Area
House with Lightning Protection
Overhead power supply lines
antenna on the roof

MCB 25A K curve

OVR 3L 65-275 s P

House

MCB 10A K curve

OVR 3L 15-275 P

Lightning strikes create surge currents which generate overvoltages in the power distribution and data transmission networks. These surges may negatively affect your equipment or even destroy them.

The ABB OVR surge protective devices (Transient Voltage Surge Suppressor) divert the surge current harmlessly to the ground and limit overvoltage to values manageable by the equipment connected to the network.

ABB has developed a full TVSS dedicated range as a solution to protect your equipments from surge effects. The OVR range offers you the best protection with the ability to dissipate very high energies up to 100KA per pole (400KA in total) available for different voltages in order to cover all the US networks. The OVR range is a UL recognized device in addition to complying with other international standards such as: IEC (international standard), VDE (Germany), CSA (Canada). Our experience in this field makes us able to offer you a very high quality of protection. The different features offered by our OVR range makes it one of the best TVSS devices worldwide.



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(05.05.TS.JPG/SEC)

Transient Voltage Surge Suppressor

OVR Range

