



Electrical insulation classes on machines etc.

Class	Plug	Cable (electric cable)	Design
I		3-core	Designates a utility product with basic insulation and provided with earth clamp or other earthing device. Utility products intended to be connected to a fixed installation with a cable are either provided with a connector with an earth terminal or with a fixed cable with protective conductor and plug with earth terminal.
II		2-core	Designates a utility product with double insulation and/or reinforced insulation and without a device for protective earthing. Symbol. A utility product of Class II may be connected to a wall socket with earth terminal over special Class II plug without earth terminal.