

Reactor Series RWK305

Mounting and Installation Guidelines

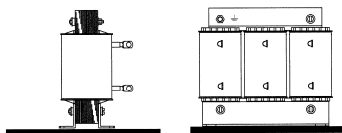
Please also read and follow the safety, application and installation notes.

Filter placement and mounting

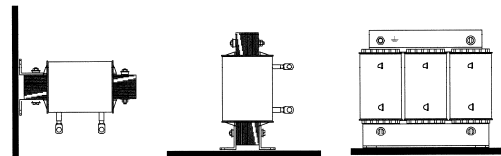
Lift the heavy reactors which do have lifting eyes with appropriate lifting aids – smaller types may be lifted manually by two persons (no lifting eye bolt applicable).

	The mounting of the RWK305 shall be made on a metal plate which has a reliable protective earth (PE) connection.
	Always connect the RWK305 to protective earth (PE) first, then continue with the wiring of line terminals. When decommissioning the RWK305 remove the PE connection at the end.
	The reactors shall in principle be mounted vertically in order to respect a proper heat dissipation flow. To ensure an optimum ventilation and thermal radiation, it is recommended to leave enough space towards surrounding equipment, walls or components in all directions. A minimum free space below and above the filter of >150 mm and >50 mm aside is required.

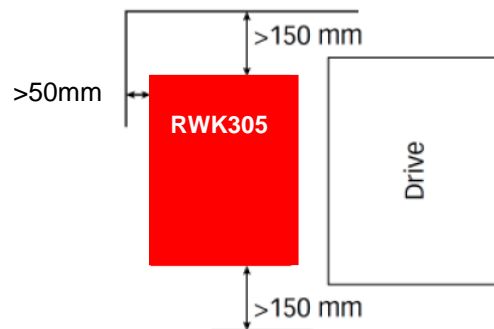
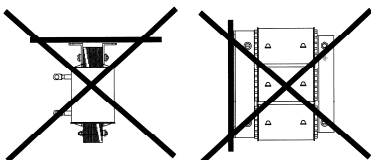
Recommended mounting positions:



Permitted mounting positions:



Prohibited mounting positions:



The pictures above show recommended, permitted and prohibited mounting positions. The mounting on a vertical plate (middle left picture) is limited to products with a maximum weight of 25 kg. Use all available mounting holes and select the correct screws and washers in order to ensure a reliable mounting and to do justice to the weight of these products. Apply torques appropriate for the strength class of the screws and washers you are using. Specifications can be obtained from the supplier of the screws and washers.