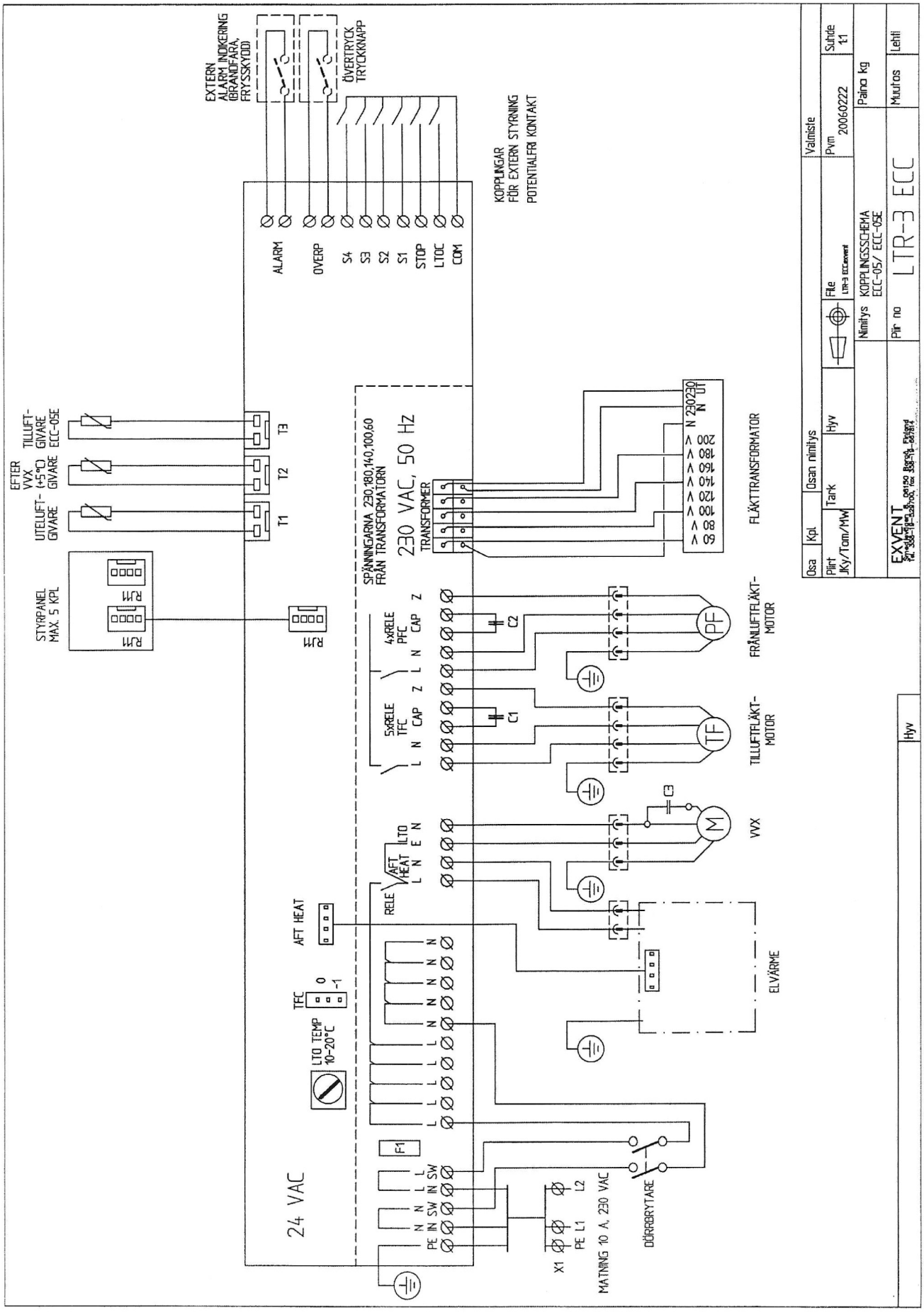KOPPLINGSSCHEMA