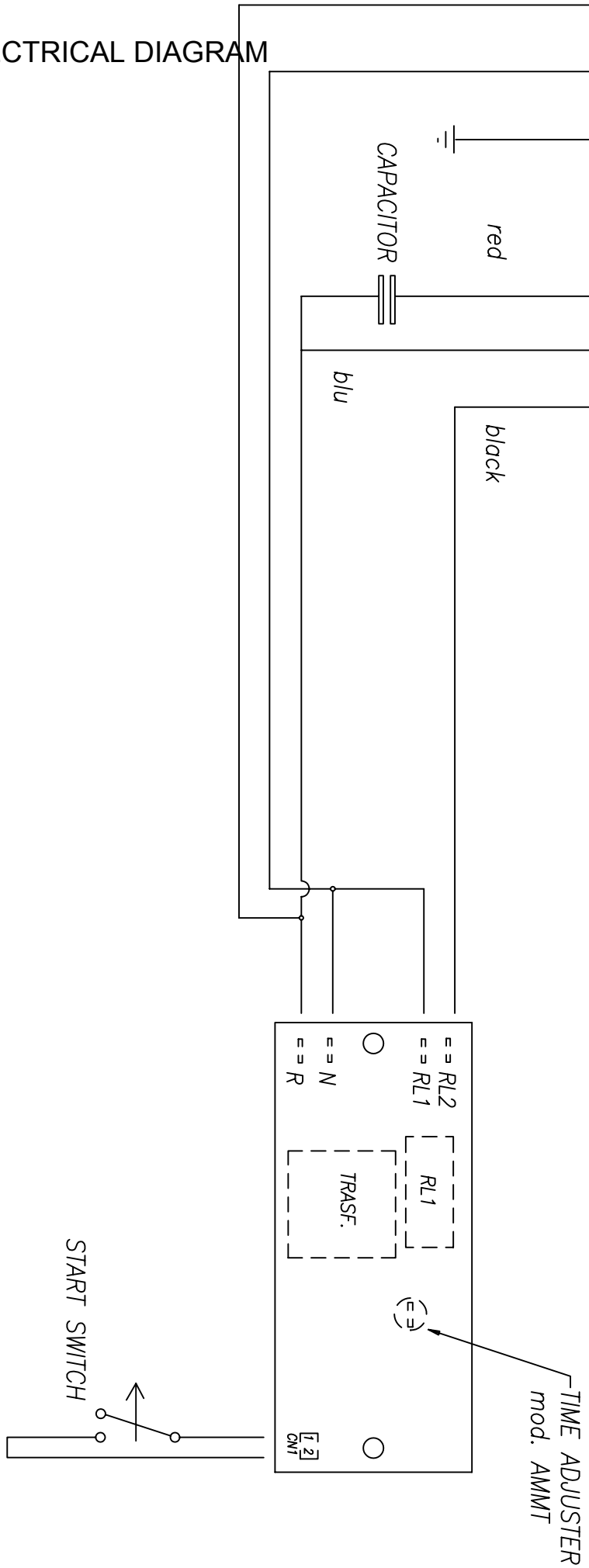GRINTA ELECTRICAL DIAGRAM