

?????“????”?“????”?? ??“??”?? SIEMENS ????????? 1? ?????
MICROMASTER???MM420?MM430?MM440?G110?G120. 2????????????
6RA23?6RA24?6RA28?6RA70?6SE70 ?? SIEMENS ?????
SINUMERIK:801?802S ?802D?802DSL?810D?840D?611U?S120?????????
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?????1????????????????????????????????????
?????2??
?????3????????????????????????????????????