Smart motor controller M10x-TCP combines the proven motor control and protection solution with the flexibility of Ethernet communication and extended condition monitoring data making it the right choice in MNS Digital for Industry 4.0 application.

ABB’s M10x motor and feeder controller platform has been designed to fit perfectly into the MNS switchgear assembly offering scalable and flexible functionality. With M10x-TCP the solution seamlessly integrates into ABB MNS motor control center.

**Offering**
- Smart motor control and protection device M10x covering wide range of motor starter and feeder solutions
- Motor and motor starter condition monitoring through connectivity with ABB Ability™ CMES
- Segregated Ethernet interface EM01 ensuring communication integrity while switchgear drawer are removed
- Redundant Ethernet communication through MPR ring configuration

**Benefits**
- Coverage of full load ranges from 0.24A to 63A, up to 6300A with secondary current transformer
- State of the art motor protection and control
- Motor and motor starter condition monitoring
- Option for temperature measurement and load monitoring
- Integrated into ABB Ability™ CMES
- Local operator panel option
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1. Ethernet Switch supporting MRP ring redundancy
2. M10x-TCP Ethernet interface in cable compartment separated from M10x inside of drawer
3. Ethernet cable
4. Standard communication cable between Ethernet interface and M10x

For a ring go back to switch