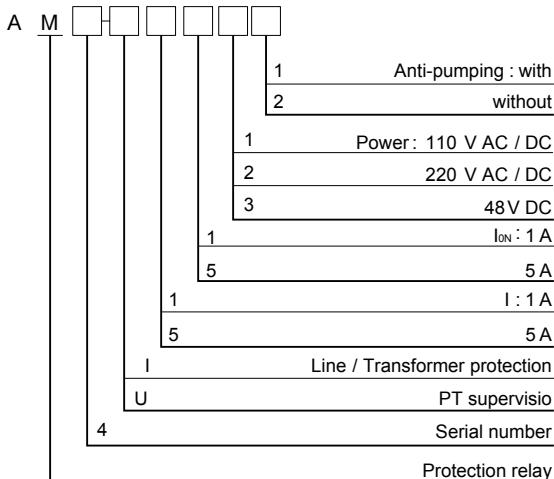


AM4 Series Protection Relay



Model Description

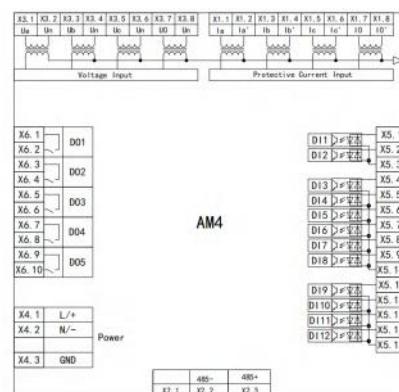


Functions

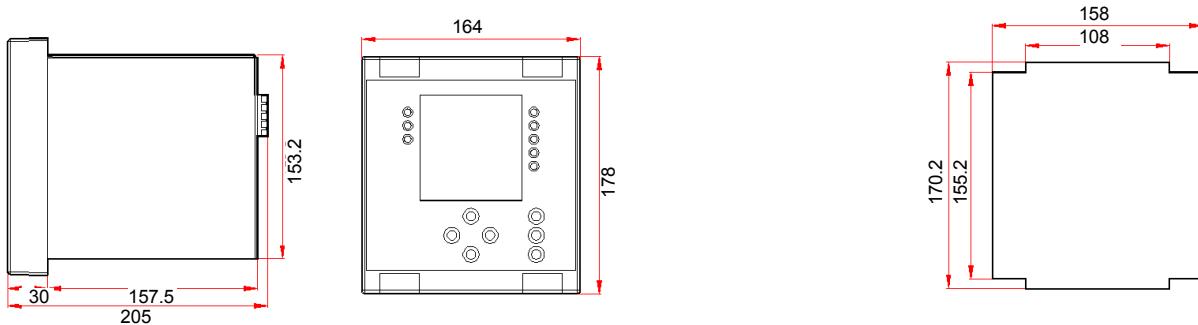
| Protection Functions | AM4- | | |
|--|------|----|----|
| | I | U1 | U2 |
| Overcurrent (3 stages, IDMT) | ■ | | |
| Earth fault (2 stages, IDMT) | ■ | | |
| Negative sequence overcurrent (2 stages, IDMT) | ■ | | |
| Auto-reclose | ■ | | |
| Overload (trip/alarm) | ■ | | |
| Under frequency | ■ | | |
| Post-accelerated overcurrent | ■ | | |
| Oversupply (trip) | ■ | | |
| Undervoltage (trip) | ■ | | |
| FC block | ■ | | |

| Protection Functions | AM4- | | |
|--|----------|-------------------------------|----|
| | I | U1 | U2 |
| Trip and close circuit supervision (alarm) | ■ | | |
| Non-electricity (trip/alarm) | ■ | | |
| Undervoltage (alarm) | ■ | ■ | ■ |
| Oversupply voltage (alarm) | ■ | ■ | ■ |
| Residual oversupply voltage (alarm) | ■ | ■ | ■ |
| PT supervision (alarm) | ■ | ■ | ■ |
| Self-produced over zero-voltage (alarm) | | ■ | ■ |
| Rear ports | I | U1 | U2 |
| RS485 | | ■ | |
| Protocols | I | U1 | U2 |
| Modbus serial | | ■ | |
| IEC 60870-5-103 | | ■ | |
| Measurement | I | U1 | U2 |
| Electric parameter | | U, I, P, Q, PF, F, Ep, Eq, Es | |
| Input current | 4 | 0 | 0 |
| Input voltage | 4 | 4 | 8 |
| Logs and Records | I | U1 | U2 |
| Fault recorder | | ■ | |
| Sequence of event record | | ■ | |
| Monitoring functions | I | U1 | U2 |
| Anti-pumping circuit | Optional | | |
| Remote control | | ■ | |

Wiring



■ Wiring



■ Dimensions

■ Cut-out Dimensions

Operation Process

