



HNA100M

Moulded Case Circuit Breaker X160 3P 40kA 100A I mag 1500

Technical Features

Electric current

| | |
|---|-------|
| Rated current | 100 A |
| Rated ultimate short-circuit breaking capacity Icu under 400 V AC IEC 60947-2 | 40 kA |
| Rated ultimate short-circuit breaking capacity Icu under 240 V AC IEC 60947-2 | 85 kA |

Architecture

| | |
|---------------------------|----------------|
| Number of poles | 3 |
| Control/operation element | Toggle |
| Device construction type | Fixed built-in |

Tripping

| | |
|----------------------------|-------|
| Response time when opening | 10 ms |
|----------------------------|-------|

Frequency

| | |
|-----------|------------|
| Frequency | 50 - 60 Hz |
|-----------|------------|

Voltage

| | |
|--------------------------------------|--------|
| Rated impulse withstand voltage Uimp | 8000 V |
| Rated insulation voltage Ui | 690 V |

Power

| | |
|---------------------------|---------|
| Total power loss under IN | 19.20 W |
|---------------------------|---------|

Endurance

| | |
|--|-------|
| Electric endurance in number of cycles | 10000 |
| Number of mechanical operations | 20000 |

Safety

| | |
|-------------------------------|------|
| Ingress Protection (IP) class | IP4X |
|-------------------------------|------|

Connection

| | |
|----------------------------------|------------------------|
| Cross-section flexible conductor | 4 - 70 mm ² |
| Cross-section rigid conductor | 4 - 95 mm ² |

Installation, mounting

| | |
|-------------------------------|----------|
| Nominal tightening torque | 6 - 6 Nm |
| Mounting-/Connection Position | Front |

Connectivity

| | |
|--------------------|----------------|
| Type of connection | Screw terminal |
|--------------------|----------------|

Settings

| | |
|---|---------|
| Thermal protection knob setting xIN | 0 |
| | 0 |
| Adjustment range short-term delayed short-circuit release | 0 - 0 A |

Compatibility

| | |
|-----------------------|-----|
| Suitable for DIN Rail | Yes |
|-----------------------|-----|

Main electrical attributes

| | |
|-------------------------------|----------|
| Magnetic protection trip time | 0 - 0 ms |
|-------------------------------|----------|