



HNGxxU-3P

Moulded Case Circuit Breaker h250 3P 30kA 32A TM

Technical Features

Electric current

| | |
|---------------|------|
| Rated current | 32 A |
|---------------|------|

Architecture

| | |
|-----------------|---|
| Number of poles | 3 |
|-----------------|---|

Electric current

| | |
|---|-------|
| Rated ultimate short-circuit breaking capacity I _{cu} under 400 V AC IEC 60947-2 | 30 kA |
| Rated ultimate short-circuit breaking capacity I _{cu} under 240 V AC IEC 60947-2 | 35 kA |

Frequency

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

Voltage

| | |
|--|--------|
| Rated impulse withstand voltage U _{imp} | 8000 V |
| Rated insulation voltage U _i | 800 V |

Functions

| | |
|-----------|--------|
| Trip unit | TM A/A |
|-----------|--------|

Main electrical attributes

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

Power

| | |
|---------------------------------------|---------|
| Total power loss under I _N | 23.40 W |
|---------------------------------------|---------|

Endurance

| | |
|--|------|
| Electric endurance in number of cycles | 1000 |
| Number of mechanical operations | 4000 |

Safety

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

Use conditions

| | |
|-----------------------|-------------|
| Operating temperature | -25 - 70 °C |
|-----------------------|-------------|

Connection

| | |
|----------------------------------|--------------------------|
| Cross-section flexible conductor | 35 - 150 mm ² |
| Cross-section rigid conductor | 35 - 185 mm ² |
| Connector/plug type | Terminal |

Installation, mounting

| | |
|-------------------------------|------------|
| Nominal tightening torque | 12 - 12 Nm |
| Mounting-/Connection Position | Front |

Settings

| | |
|---|------------------|
| Thermal protection knob setting xI _N | 0.63 0.8 1 |
| Adjustment range short-term delayed short-circuit release | 0 - 0 A |