

Moulded Case Circuit Breaker h1000 4P 50kA 800A LSI

Technical Features

Electric current

| | |
|---------------|-------|
| Rated current | 800 A |
|---------------|-------|

Architecture

| | |
|-----------------|---|
| Number of poles | 4 |
|-----------------|---|

Electric current

| | |
|---|-------|
| Rated ultimate short-circuit breaking capacity I _{cu} under 400 V AC IEC 60947-2 | 50 kA |
| Rated ultimate short-circuit breaking capacity I _{cu} under 240 V AC IEC 60947-2 | 85 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 | LSI |
|-----------|-----|

Main electrical attributes

| | |
|-------------------------------|--------------|
| Magnetic protection trip time | 100 - 200 ms |
|-------------------------------|--------------|

Power

| | |
|---------------------------------------|----------|
| Total power loss under I _N | 153.60 W |
|---------------------------------------|----------|

Endurance

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

Safety

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

Connection

| | |
|----------------------------------|------------------------|
| Cross-section flexible conductor | 2x 240 mm ² |
| Cross-section rigid conductor | 2x 240 mm ² |
| Connector/plug type | Terminal |

Installation, mounting

| | |
|-------------------------------|------------|
| Nominal tightening torque | 65 - 65 Nm |
| Mounting-/Connection Position | Front |

Settings

| | |
|---|--|
| Thermal protection knob setting xI _N | 0.4 0.5 0.63 0.9 0.95 1 |
| Adjustment range short-term delayed short-circuit release | 0 - 0 A |