



HEC041H

Moulded Case Circuit Breaker h250 4P 70kA 40A LSI

Technical properties

Electric current

| | |
|---|-------|
| Rated current | 40 A |
| Rated ultimate short-circuit breaking capacity I _{cu} under 400 V AC IEC 60947-2 | 70 kA |
| Rated ultimate short-circuit breaking capacity I _{cu} under 240 V AC IEC 60947-2 | 85 kA |

Architecture

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

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 | 1,90 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 |
|---------------------------|------------|

Settings

| | |
|-------------------------------------|-----------------------------------|
| Thermal protection knob setting xIN | 0.4, 0.5, 0.63, 0.8, 0.9, 0.95, 1 |
|-------------------------------------|-----------------------------------|

| | |
|---|---------|
| Adjustment range short-term delayed short-circuit release | 0 - 0 A |
|---|---------|