



HNA081H

Moulded Case Circuit Breaker h3 x160 TM ADJ 4P4D N0-100% 80A 40kA CTC

Technical Features

Electric current

| | |
|---|-------|
| Rated current | 80 A |
| Rated ultimate short-circuit breaking capacity I _{cu} under 400 V AC IEC 60947-2 | 40 kA |
| Rated ultimate short-circuit breaking capacity I _{cu} under 240 V AC IEC 60947-2 | 85 kA |
| Rated service breaking capacity I _{cs} under 230 V AC according to IEC 60947-2 | 40 kA |

Architecture

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

Electric current

| | |
|---|-------|
| Rated service breaking capacity I _{cs} under 400 V AC according to IEC 60947-2 | 20 kA |
|---|-------|

Frequency

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

Voltage

| | |
|--|-------------|
| Rated impulse withstand voltage U _{imp} | 8000 V |
| Rated insulation voltage U _i | 690 V |
| Rated operational voltage U _e | 220 - 415 V |

Functions

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

Power

| | |
|---------------------------------------|---------|
| Total power loss under I _N | 32.10 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 xI _N | 0.63 0.8 1 |
|---|------------------|

Dimensions

| | |
|--------|--------|
| Height | 130 mm |
| Width | 100 mm |
| Depth | 68 mm |

Sustainability

| | |
|----------------|-----|
| RECh-SVHC free | Yes |
|----------------|-----|