



HNA025Z

MCCB h3 x160 TM 3x25A 40kA

Technische Merkmale

Architecture

| | |
|---------------------------|---------------------------|
| Number of protected poles | 3 |
| Number of poles | 3 P |
| Type of pole | 3P3D |
| Fixing mode | DIN rail type O or type J |

Functions

| | |
|-----------|--------|
| Trip Unit | TM F/F |
|-----------|--------|

Compatibility

| | |
|-----------------------------------|----|
| Compatible with DIN rail mounting | no |
|-----------------------------------|----|

Controls and indicators

| | |
|------------------------|----|
| Motor drive integrated | no |
|------------------------|----|

Main electrical features

| | |
|------------------------------|-----------|
| Frequency | 50/60 Hz |
| Rated operational voltage Ue | 220/415 V |

Voltage

| | |
|---------------------------------|--------|
| Rated insulation voltage | 690 V |
| Rated impulse withstand voltage | 8000 V |
| With under voltage release | no |

Electric current

| | |
|--|-------|
| Rated ultimate short-circuit breaking capacity Icu under 400V AC IEC 60947-2 | 40 kA |
| Rated service breaking capacity Ics under 220V AC according IEC 60947-2 | 40 kA |
| Rated service breaking capacity Ics under 230V AC according IEC 60947-2 | 40 kA |
| Rated service breaking capacity Ics under 240V AC according IEC 60947-2 | 40 kA |
| Rated service breaking capacity Ics under 380V AC according IEC 60947-2 | 20 kA |
| Rated service breaking capacity Ics under 400V AC according IEC 60947-2 | 20 kA |
| Rated service breaking capacity Ics under 415V AC according IEC 60947-2 | 20 kA |
| Rated ultimate short-circuit breaking capacity Icu under 230V AC IEC 60947-2 | 85 kA |
| Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2 | 85 kA |
| Rated ultimate short-circuit breaking capacity Icu under 380V AC IEC 60947-2 | 40 kA |
| Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2 | 40 kA |
| Thermal protection nob setting xIN | 1 |
| Range of the thermal adjustment | 25 A |

Electric current / temperature

| | |
|---|--------|
| Rating current 10°C according to IEC 60947-2 | 29,3 A |
| Rating current 150°C according to IEC 60947-2 | 28,8 A |
| Rating current 20°C according to IEC 60947-2 | 28,3 A |
| Rating current 25°C according to IEC 60947-2 | 27,7 A |
| Rating current 30°C according to IEC 60947-2 | 27,2 A |
| Rating current 35°C according to IEC 60947-2 | 26,7 A |
| Rating current 40°C according to IEC 60947-2 | 26,1 A |
| Rating current 45°C according to IEC 60947-2 | 25,5 A |
| Rating current 50°C according to IEC 60947-2 | 25 A |
| Rating current 55°C according to IEC 60947-2 | 24,4 A |
| Rating current 60°C according to IEC 60947-2 | 23,7 A |
| Rating current 65°C according to IEC 60947-2 | 23,1 A |
| Rating current 70°C according to IEC 60947-2 | 22,5 A |

Power

| | |
|---------------------------------------|--------|
| Power loss per pole at I _n | 4,6 W |
| Total power loss under I _N | 13,7 W |

Endurance

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

Dimensions

| | |
|--|--------|
| Depth of installed product | 68 mm |
| Height of installed product | 130 mm |
| Width of installed product | 75 mm |
| Critical distance switching emission/earthed part bottom | 40 mm |
| Critical distance switching emission/earthed part left | 50 mm |
| Critical distance switching emission/earthed part right | 50 mm |
| Critical distance switching emission/earthed part top | 40 mm |
| Critical distance switching emission/insulated plate | 30 mm |
| Critical distance switching emission/live part | 50 mm |

Installation, mounting

| | |
|---|----|
| DIN rail mounting with optional adaptator | no |
|---|----|

Connection

| | |
|--------------------|------------|
| Type of connection | with screw |
|--------------------|------------|

Settings

| | |
|----------------------------------|-------|
| Range of the magnetic adjustment | 600 A |
|----------------------------------|-------|

Equipment

| | |
|---------------------|-----|
| Can be accessorized | yes |
|---------------------|-----|

Standards

| | |
|-------------------------|-------------|
| Standard text | IEC 60947-2 |
| European directive WEEE | concerned |

Safety

| | |
|---------------------|------|
| Protection index IP | IP4X |
|---------------------|------|

Use conditions

| | |
|--|--------|
| Degree of pollution according to IEC 60664 / IEC 60947-2 | 3 |
| Altitude | 2000 m |

temperatur

| | |
|----------------------------|-------|
| Temperature of calibration | 50 °C |
|----------------------------|-------|

Supplied by Digital Stout Innovation & Trading FZE UAE