



HAD310

Load break switch 3P 100A

Technical properties

Architecture

| | |
|-----------------|----------------|
| Number of poles | 3 P |
| Type of case | Fixed built-in |

Functions

| | |
|------------------|----|
| Reversing switch | No |
|------------------|----|

Configuration

| | |
|-------------------|------|
| Number of modules | 4.45 |
|-------------------|------|

Controls and indicators

| | |
|------------------------|----|
| Motor drive integrated | No |
|------------------------|----|

Main electrical features

| | |
|------------------------------|-------------|
| Rated operational voltage Ue | 380 / 415 V |
| Frequency | 50 Hz |

Voltage

| | |
|---------------------------------|--------|
| Rated insulation voltage | 800 V |
| Rated impulse withstand voltage | 8000 V |

Electric current

| | |
|--|---------|
| Rated operational current in AC21category B | 100 A |
| Rated current | 100 A |
| Short-circuit current with gI-gG fuses | 25 kA |
| Rated short-time withstand current 1s | 2.75 kA |
| Rated operational current in AC21 category A | 100 A |
| Rated operational current in AC23 category A | 100 A |

Power

| | |
|---------------------------------------|--------|
| Total power loss under I _N | 12.9 W |
| Power loss per pole at I _n | 4.3 W |
| Contact rating with 400 V in AC1 | 65 kW |

Cover, door

| | |
|---------------|-----|
| Interlockable | Yes |
|---------------|-----|

Equipment

| | |
|---|---|
| Number of auxiliary contacts as normally closed contact | 0 |
|---|---|

| | |
|---|--------------------|
| Number of auxiliary contacts as normally open contact | 0 |
| Number of auxiliary contacts as change-over contact | 0 |
| Width available for insulation connection | 95 mm ² |
| Motor drive optional | No |

Standards

| | |
|-------------------------|-----------|
| European directive WEEE | concerned |
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Safety

| | |
|---------------------|------|
| Protection index IP | IP20 |
|---------------------|------|

Use conditions

| | |
|-----------------------|-------------|
| Operating temperature | -20...70 °C |
|-----------------------|-------------|