



HAD412

Load break switch 4P 125A

Technical Features

Electric current

| | |
|---|-------|
| Rated current | 125 A |
| Acceptable current rating AC21 | 125 A |
| Acceptable current rating AC21 category B | 125 A |
| Acceptable current rating AC22 category B | 125 A |

Architecture

| | |
|---------------------------|---------------------|
| Control/operation element | Short rotary handle |
|---------------------------|---------------------|

Electric current

| | |
|---|-------|
| Acceptable current rating AC23 category A | 100 A |
| Acceptable current rating AC23 category B | 100 A |

Architecture

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

Electric current

| | |
|--|---------|
| Rated short-time withstand current I _{cs} 1s IEC 60947 | 2.75 kA |
| Rated short-time withstand current I _{cs} IEC 60947 | 2.75 kA |
| Rated conditional short-circuit current I _{cc} with gl-gG fuses | 25 kA |

Connection

| | |
|-------------------------------|--------------------|
| Cross-section rigid conductor | 70 mm ² |
|-------------------------------|--------------------|

Voltage

| | |
|--|-------------|
| Rated insulation voltage U _i | 800 V |
| Rated impulse withstand voltage U _{imp} | 8000 V |
| Rated operational voltage U _e | 380 - 415 V |

Power

| | |
|---|---------|
| Power loss per pole at I _n | 7.10 W |
| Total power loss under I _N | 28.40 W |
| Rated operational power under 400 V AC AC1 | 82000 W |
| Rated operational power under 400 V AC AC23 | 56000 W |

Installation, mounting

| | |
|---------------------------|------------|
| Nominal tightening torque | 4 - 4.4 Nm |
|---------------------------|------------|

Equipment

| | |
|---|----|
| Motor drive optional | No |
| Number of auxiliary contacts as change-over contact | 0 |
| Number of auxiliary contacts as normally closed contact | 0 |
| Number of auxiliary contacts as normally open contact | 0 |

Use conditions

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

Cover, door

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

Safety

| | |
|-------------------------------|------|
| Ingress Protection (IP) class | IP20 |
|-------------------------------|------|

Connectivity

| | |
|--------------------|----------------|
| Type of connection | Screw terminal |
|--------------------|----------------|

Functions

| | |
|--|-----|
| Is reversing switch | No |
| Version as emergency stop installation | No |
| Version as main switch | Yes |
| Version as maintenance/service switch | Yes |

Functions

| | |
|--|-----|
| Version as safety switch | Yes |
| Version as switch disconnecter compact | Yes |

Capacity

| | |
|-------------------|------|
| Number of modules | 5.95 |
|-------------------|------|

Sustainability

| | |
|-----------------|-----|
| REACH-SVHC free | Yes |
| RoHS conform | Yes |