



HFD325

**Fuse comb. switch 3P - 250 A / T1**

**Technical properties**

**Architecture**

|                 |     |
|-----------------|-----|
| Number of poles | 3 P |
| Type of pole    | 3 P |

**Main electrical features**

|                              |             |
|------------------------------|-------------|
| Rated operational voltage Ue | 380 / 415 V |
| Rated current                | 250 A       |

**Voltage**

|                          |       |
|--------------------------|-------|
| Rated insulation voltage | 750 V |
|--------------------------|-------|

**Electric current**

|  |  |
|--|--|
| Short-circuit current with gI-gG fuses | 100 kA   |
| Rating current of fuse cartridge       | 50 / 63 / 80 / 100 / 125 / 160 / 200 / 224 / 250 A |

**Fuse**

|           |     |
|-----------|-----|
| Fuse Size | NH1 |
|-----------|-----|

**Dimensions**

|                             |        |
|-----------------------------|--------|
| Depth of installed product  | 146 mm |
| Height of installed product | 195 mm |
| Width of installed product  | 234 mm |

**Power**

|                                  |         |
|----------------------------------|---------|
| Total power loss under IN        | 123.3 W |
| Power loss per pole at In        | 41.1 W  |
| Contact rating with 400 V in AC1 | 164 kW  |

**Cover, door**

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

**Materials**

|               |      |
|---------------|------|
| Toggle colour | Grey |
|---------------|------|

**Installation, mounting**

|                                    |     |
|------------------------------------|-----|
| Suitable for busbar mounting       | No  |
| Suitable for front mounting center | No  |
| Suitable for front mounting        | No  |
| Suitable for ground mounting       | Yes |

**Cable**

|  |     |
|--|-----|
| Length of conductors used for the heating test (m) according to product standard | 2 m |
|--|-----|

|  |         |
|--|---------|
| Conductor cross-section used for heating test(mm²) according to product standard | 150 mm² |
|--|---------|

### 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 |
|---|---|

|                     |     |
|---------------------|-----|
| Can be accessorized | Yes |
|---------------------|-----|

### Standards

|               |             |
|---------------|-------------|
| Standard text | IEC 60947-3 |
|---------------|-------------|

|                         |                      |
|-------------------------|----------------------|
| European directive RoHs | voluntary compliance |
|-------------------------|----------------------|

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

### Safety

|                     |      |
|---------------------|------|
| Protection index IP | IP00 |
|---------------------|------|

|               |     |
|---------------|-----|
| REACH conform | Yes |
|---------------|-----|

|              |     |
|--------------|-----|
| RoHS conform | Yes |
|--------------|-----|

|              |    |
|--------------|----|
| Halogen free | No |
|--------------|----|

### temperatur

|   |       |
|---|-------|
| Ambient air temperature during heating test according to the product standard | 24 °C |
|---|-------|

|  |       |
|--|-------|
| Max. admissible temperature on accessible parts (intended to be touched) | 80 °C |
|--|-------|

|  |       |
|--|-------|
| Max. admissible temperature on accessible parts (manual operating means) | 65 °C |
|--|-------|

|   |       |
|---|-------|
| Max. admissible temperature on access. parts (not touched for normal operation) | 90 °C |
|---|-------|

|  |        |
|--|--------|
| Max. admissible temperature on terminals | 110 °C |
|--|--------|

|  |      |
|--|------|
| Temp.-rise limits for access. parts (toggle) according to product standard | 25 K |
|--|------|

|   |      |
|---|------|
| Temp.-rise limits for access. parts (not touched) according to product standard | 50 K |
|---|------|

|  |      |
|--|------|
| Temp.rise limits for access. parts (to be touched) according to product standard | 40 K |
|--|------|

|   |      |
|---|------|
| Temperature-rise limits for terminals according to the product standard | 70 K |
|---|------|

|  |      |
|--|------|
| Temperature-rise measured on accessible parts at In (manual operating means) | 25 K |
|--|------|

|   |      |
|---|------|
| Temperature-rise measured on access. parts at In (not touched normal operation) | 50 K |
|---|------|

|  |      |
|--|------|
| Temperature-rise measured on accessible parts at In (intended to be touched) | 40 K |
|--|------|

|  |      |
|--|------|
| Temperature-rise measured on terminals at In | 70 K |
|--|------|