



HFD325

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

**Technical properties**

**Architecture**

Type of order	Door coupling rotary drive
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
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**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**

CharactFuse	gI ; gG
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
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**Materials**

Toggle colour	Grey
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**Installation, mounting**

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

**Connection**

Type of connection with screw

**Cable**

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

Conductor cross-section used for heating test(mm<sup>2</sup>) according to product standard 150 mm<sup>2</sup>

**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

**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