



HFD463

**Fuse comb. switch 4P - 630 A / T3**

**Technical properties**

**Architecture**

Type of order	Door coupling rotary drive
Number of poles	4 P
Type of pole	4 P

**Main electrical features**

Rated operational voltage Ue	380 / 415 V
Rated current	630 A

**Voltage**

Rated insulation voltage	1000 V
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**Electric current**

Short-circuit current with gI-gG fuses	100 kA
Rating current of fuse cartridge	315 / 400 / 425 / 500 / 630 A

**Fuse**

CharactFuse	gI ; gG
Fuse Size	NH3

**Dimensions**

Depth of installed product	250 mm
Height of installed product	300 mm
Width of installed product	458 mm

**Power**

Total power loss under I <sub>N</sub>	488 W
Power loss per pole at I <sub>n</sub>	122 W
Contact rating with 400 V in AC1	414 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	Terminal
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**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	2 x 240 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
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**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