



HFD463

Fuse comb. switch 4P - 630 A / T3

Technical properties

Architecture

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

Fuse Size	NH3
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Dimensions

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

Power

Total power loss under IN	488 W
Power loss per pole at In	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

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	2 x 240 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