



HFD316

Fuse comb. switch 3P - 160 A / T00

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	160 A

Voltage

Rated insulation voltage	750 V
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Electric current

Short-circuit current with gI-gG fuses	50 kA
Rating current of fuse cartridge	6 / 10 / 16 / 20 / 25 / 32 / 40 / 50 / 63 / 80 / 100 / 125 / 160 A

Fuse

CharactFuse	gI ; gG
Fuse Size	NH00

Dimensions

Height of installed product	162 mm
Width of installed product	148 mm

Power

Total power loss under IN	64.8 W
Power loss per pole at In	21.6 W
Contact rating with 400 V in AC1	105 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
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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 ²) according to product standard	70 mm ²

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