



HCF980U

**Switch h1600 3P 1250A**

**Technical characteristics**

**Architecture**

Type of order	Toggle
Neutral position	without neutral
Number of poles	3 P
Type of pole	3 P

**Functions**

Reversing switch	No
Trip Unit	SWITCH

**Main electrical features**

Rated operational voltage Ue	220 / 690 V
Frequency	50/60 Hz

**Voltage**

Rated insulation voltage	800 V
Rated impulse withstand voltage	8 kV

**Electric current**

Rated current	1250 A
Rated operational current in AC21	1250 A

**Current correction factors**

Correction factor of rating current for 2 devices placed side-by-side	1
Correction factor of rating current for 3 devices placed side-by-side	1
Correction factor of rating current for 4 and 5 devices placed side-by-side	1
Correction factor of rating current for 6 devices placed side-by-side	1

**Power**

Total power loss under I <sub>N</sub>	187.5 W
Power loss per pole at I <sub>n</sub>	62.5 W
Contact rating with 400 V in AC1	822 kW

**Tripping**

Time of response when opening	10 ms
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**Endurance**

Electric endurance in number of cycles	4500
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Number of mechanical operations

15000

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### Cover, door

Interlockable Yes

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### Materials

Toggle colour Black

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### Connection

Connection cross-sect. flexible conductor 3x240mm<sup>2</sup>

Connection cross-sect. rigid cable 3x240mm<sup>2</sup>

Connection Front connection

Type of connection Terminal

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### 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

Motor drive optional Yes

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### Use cases

Category of use A

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### Standards

Standard text IEC 60947-3

European directive WEEE not concerned

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### Safety

Protection index IP IP4X

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### Use conditions

Operating temperature -25...70 °C

Degree of pollution according to IEC 60664 / IEC 60947-2 3

Altitude 2000 m

Air humidity protection 85% / 50°C

Storage/transport temperature -35...70 °C