



HI454

## Change-over switch 4P 250A

Product Datasheet

### Architecture

Type of order	Long thumb-grip
Number of poles	4 P
Type of pole	4 P
Type of case	Fixed built-in

### Functions

Reversing switch	yes
------------------	-----

### Controls and indicators

Motor drive integrated	no
------------------------	----

### Main electrical features

Rated operational voltage Ue	380 / 400 / 500 / 690 V
Frequency	50/60 Hz

### Voltage

Rated insulation voltage	800 V
Rated impulse withstand voltage	8000 V
Rated operational voltage in DC	260 / 400 / 500 V

### Electric current

Rated operational current in AC21 category B	250 A
Acceptable current rating with AC22 category A	250 A
Rated current	250 A
Short-circuit current with gl-gG fuses	50 kA
Rated short-time withstand current 1s	8 kA
Thermal rated current outside of housings	250 A
Rated operational current in AC21 category A	250 A
Acceptable current rating with AC22 category B	250 A
Rated operational current in AC23 category A	250 A
Acceptable current rating with AC23 category B	250 A

### Power

Nominal power under 440/500, 50Hz	160 kW
Nominal power under 660 V, 50 Hz	110 kW
Active power under 380/415 V, 50 Hz	132 kW
Total power loss under I <sub>N</sub>	17,4 W
Power loss per pole at I <sub>N</sub>	5,9 W
Contact rating with 400 V in AC1	164 kW

## Endurance

Electrical durability at nominal load in AC21 in operating cycles	1000
Electrical durability at nominal load in AC22 in operating cycles	200
Number of mechanical operations	10000

## Cover, door

Interlockable	yes
---------------	-----

## Connection

Connection cross-sect. rigid cable	95 / 150mm <sup>2</sup>
Type of connection	Terminal

## Equipment

Motor drive optional	no
----------------------	----

## Standards

Standard text	IEC 60947-3
European directive WEEE	concerned

## Safety

Protection index IP	IP00
---------------------	------

## Use conditions

Air humidity protection	yes according to IEC 68-2-30
-------------------------	------------------------------