



HA305

Load break switch 3P 100A

Technical properties

Architecture

Type of order	Short thumb-grip
Number of poles	3 P
Type of pole	3 P
Type of case	Fixed built-in

Functions

Reversing switch	No
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Configuration

Number of modules	6
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Controls and indicators

Motor drive integrated	No
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Main electrical features

Rated operational voltage Ue	380 / 415 V
Frequency	50 Hz

Voltage

Rated insulation voltage	800 V
Rated impulse withstand voltage	8000 V

Electric current

Rated operational current in AC21 category B	100 A
Acceptable current rating with AC22 category A	100 A
Cut off current	10 kA
Rated current	100 A
Short-circuit current with gI-gG fuses	50 kA
Rated short-time withstand current 1s	2.5 kA
Rated operational current in AC21 category A	100 A
Acceptable current rating with AC22 category B	100 A
Rated operational current in AC23 category A	63 A
Acceptable current rating with AC23 category B	63 A

Dimensions

Width of installed product	108 mm
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Power	
Total power loss under IN	9.3 W
Power loss per pole at In	3.1 W
Contact rating with 400 V in AC1	65 kW
Cover, door	
Interlockable	Yes
Installation, mounting	
Tightening torque	6 - 6.6 Nm
Fixation type	DIN rail mounting or back plate mounting
Connection	
Connection cross-sect. rigid cable	50mm² max.
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	No
Standards	
European directive WEEE	concerned
Safety	
Protection index IP	IP20
REACH conform	Yes
RoHS conform	Yes
Halogen free	No
Use conditions	
Operating temperature	-20...70 °C