



HA351

Load break switch 3P 125A

Technical properties

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Type of order	Long thumb-grip
Number of poles	3 P
Type of pole	3 P
Type of case	Fixed built-in
Functions	
Reversing switch	No
Controls and indicators	
Motor drive integrated	No
Main electrical features	
Rated operational voltage Ue	380 / 415 V
Voltage	
Rated insulation voltage	800 V
Rated impulse withstand voltage	8000 V
Electric current	
Rated operational current in AC21category B	125 A
Acceptable current rating with AC22 category A	125 A
Cut off current	3 kA
Rated current	125 A
Short-circuit current with gl-gG fuses	50 kA
Rated short-time withstand current 1s	7 kA
Thermal rated current outside of housings	125 A
Rated operational current in AC21 category A	125 A
Acceptable current rating with AC22 category B	125 A
Rated operational current in AC23 category	125 A
Acceptable current rating with AC23 category B	125 A
Conventional thermal current under enclosure at 40°C	125 A
Dimensions	
Depth of installed product	120 mm
Height of installed product	135 mm

Nominal power under 440/500, 50Hz Total power loss under IN 5.4 V Power loss per pole at In Contact rating with 400 V in AC1 82 kV Cover, door Interlockable Ye Installation, mounting Tightening torque Fixation type Back plate montin Connection Connection Connection cross-sect. flexible conductor Tomm Connection cross-sect. rigid cable Type of connection Termina Equipment Number of auxiliary contacts as normally closed contact Number of auxiliary contacts as normally open contact Width available for insulation connection Standards Standards Standards Standards Standards Standard text IEC 60947- Safety REACH conform Ye ROHS conform Ye R	Width of installed product	140 mm	
Total power loss under IN 5.4 v Power loss per pole at In 1.8 v Contact rating with 400 V in AC1 82 kv Cover, door Interlockable Ye Installation, mounting Tightening torque 9 - 9.9 Nr Fixation type Back plate montin Connection Connection cross-sect. flexible conductor 70mm Connection cross-sect. rigid cable 50mm² max Type of connection Equipment Number of auxiliary contacts as normally closed contact Number of auxiliary contacts as change-over contact Width available for insulation connection 95 mm Motor drive optional N Standards Standards Standards Standard text IEC 60947- Safety REACH conform Ye ROHS conform Ye ROHS conform Ye Halogen free	Power		
Power loss per pole at In 1.8 V Contact rating with 400 V in AC1 82 kV Cover, door Interlockable Ye Installation, mounting Tightening torque 9 - 9.9 Nr Fixation type Back plate montin Connection Connection Connection cross-sect. flexible conductor 70mm Connection cross-sect. rigid cable 50mm² max Type of connection Termina Equipment Number of auxiliary contacts as normally closed contact Number of auxiliary contacts as normally open contact Width available for insulation connection 95 mm Motor drive optional N Standards Standards Standard text IEC 60947- Safety REACH conform Ye ROHS conform Ye Halogen free Ye Halogen free	Nominal power under 440/500, 50Hz	55 kW	
Contact rating with 400 V in AC1 82 kg Cover, door Interlockable Ye Installation, mounting Tightening torque 9 - 9.9 Nr Fixation type Back plate montin Connection Connection cross-sect. flexible conductor 70mm Connection cross-sect. rigid cable 50mm² max Type of connection Equipment Number of auxiliary contacts as normally closed contact Number of auxiliary contacts as normally open contact Number of auxiliary contacts as change- over contact Width available for insulation connection 95 mm Motor drive optional N Standards Standards Standard text IEC 60947- Safety REACH conform Ye ROHS conform Ye RoHS conform	Total power loss under IN	5.4 W	
Cover, door Interlockable Ye Installation, mounting Tightening torque 9 - 9.9 Nr Fixation type Back plate montin Connection Connection Connection cross-sect. flexible conductor 70mm Connection cross-sect. rigid cable 50mm² max Type of connection Equipment Number of auxiliary contacts as normally closed contact Number of auxiliary contacts as normally open contact Width available for insulation connection 95 mm Motor drive optional N Standards Standards Standard text IEC 60947- Safety REACH conform Ye ROHS conform Ye Halogen free Ye	Power loss per pole at In	1.8 W	
Installation, mounting Tightening torque 9 - 9.9 Nr Fixation type Back plate montin Connection Connection cross-sect. flexible conductor 70mm Connection cross-sect. rigid cable 50mm² max Type of connection Equipment Number of auxiliary contacts as normally closed contact Number of auxiliary contacts as normally open contact Width available for insulation connection 95 mm Motor drive optional N Standards Standard text IEC 60947- Safety REACH conform Ye Halogen free Ye	Contact rating with 400 V in AC1	82 kW	
Installation, mounting Tightening torque 9 - 9.9 Nr Fixation type Back plate montin Connection Connection Connection cross-sect. flexible conductor 70mm² Connection cross-sect. rigid cable 50mm² max Type of connection Termina Equipment Number of auxiliary contacts as normally closed contact Number of auxiliary contacts as normally open contact Width available for insulation connection 95 mm Motor drive optional N Standards Standards Standard text IEC 60947- Safety REACH conform Ye Halogen free Ye	Cover, door		
Tightening torque 9 - 9.9 Nr Fixation type Back plate montin Connection Connection Connection cross-sect. flexible conductor 70mm Connection cross-sect. rigid cable 50mm² max Type of connection Termina Equipment Number of auxiliary contacts as normally closed contact Number of auxiliary contacts as normally open contact Number of auxiliary contacts as change-over contact Width available for insulation connection 95 mm Motor drive optional N Standards Standard text IEC 60947- Safety REACH conform Ye ROHS conform Ye Halogen free Ye	Interlockable	Yes	
Fixation type Connection Connection Connection cross-sect. flexible conductor Connection cross-sect. rigid cable Type of connection Termina Equipment Number of auxiliary contacts as normally closed contact Number of auxiliary contacts as normally open contact Number of auxiliary contacts as change-over contact Width available for insulation connection Standards Standards Standard text IEC 60947- Safety REACH conform Ye ROHS conform Ye Halogen free Ye	Installation, mounting		
Connection cross-sect. flexible conductor 70mm Connection cross-sect. rigid cable 50mm² max Type of connection Termina Equipment Number of auxiliary contacts as normally closed contact Number of auxiliary contacts as normally open contact Number of auxiliary contacts as change-over contact Width available for insulation connection 95 mm Motor drive optional N Standards Standard text IEC 60947- Safety REACH conform Ye ROHS conform Ye Halogen free Yee	Tightening torque	9 - 9.9 Nm	
Connection cross-sect. flexible conductor Connection cross-sect. rigid cable Type of connection Termina Equipment Number of auxiliary contacts as normally closed contact Number of auxiliary contacts as normally open contact Number of auxiliary contacts as change-over contact Width available for insulation connection Motor drive optional Standards Standard text IEC 60947- Safety REACH conform Yee ROHS conform Yee Halogen free	Fixation type	Back plate monting	
Connection cross-sect. rigid cable Type of connection Termina Equipment Number of auxiliary contacts as normally closed contact Number of auxiliary contacts as normally open contact Number of auxiliary contacts as change-over contact Width available for insulation connection Motor drive optional Standards Standard text IEC 60947- Safety REACH conform Ye ROHS conform Ye Halogen free Ye	Connection		
Type of connection Equipment Number of auxiliary contacts as normally closed contact Number of auxiliary contacts as normally open contact Number of auxiliary contacts as change-over contact Width available for insulation connection Motor drive optional Standards Standard text IEC 60947- Safety REACH conform Ye ROHS conform Ye Halogen free Ye	Connection cross-sect. flexible conductor	70mm²	
Equipment Number of auxiliary contacts as normally closed contact Number of auxiliary contacts as normally open contact Number of auxiliary contacts as change-over contact Width available for insulation connection Motor drive optional Standards Standards Standard text IEC 60947- Safety REACH conform Ye ROHS conform Ye Halogen free Ye	Connection cross-sect. rigid cable	50mm² max.	
Number of auxiliary contacts as normally closed contact Number of auxiliary contacts as normally open contact Number of auxiliary contacts as change-over contact Width available for insulation connection Motor drive optional Standards Standard text IEC 60947- Safety REACH conform Ye Halogen free Ye	Type of connection	Terminal	
closed contact Number of auxiliary contacts as normally open contact Number of auxiliary contacts as change-over contact Width available for insulation connection 95 mm Motor drive optional N Standards Standard text IEC 60947- Safety REACH conform Ye RoHS conform Ye Halogen free Ye	Equipment		
Number of auxiliary contacts as change- over contact Width available for insulation connection 95 mm Motor drive optional N Standards Standard text IEC 60947- Safety REACH conform Ye ROHS conform Ye Halogen free Ye	Number of auxiliary contacts as normally closed contact	0	
over contact Width available for insulation connection 95 mm Motor drive optional N Standards Standard text IEC 60947- Safety REACH conform Ye ROHS conform Ye Halogen free Ye	Number of auxiliary contacts as normally open contact	0	
Motor drive optional N Standards Standard text IEC 60947- Safety REACH conform Ye RoHS conform Ye Halogen free Ye	Number of auxiliary contacts as change- over contact	0	
Standards Standard text IEC 60947- Safety REACH conform Ye RoHS conform Ye Halogen free Ye	Width available for insulation connection	95 mm²	
Standard text IEC 60947- Safety REACH conform Ye RoHS conform Ye Halogen free Ye	Motor drive optional	No	
Safety REACH conform Ye RoHS conform Ye Halogen free Ye	Standards		
REACH conform Ye RoHS conform Ye Halogen free Ye	Standard text	IEC 60947-3	
RoHS conform Ye Halogen free Ye	Safety		
Halogen free Ye	REACH conform	Yes	
	RoHS conform	Yes	
Use conditions	Halogen free	Yes	
	Use conditions		

-20...70 °C

Operating temperature