



Product data sheet

HDB3VR4100TA

Characteristics

Residual current switch HDB3VR - 4P - 100A - 300mA - for AC & DC



Main

Range of product	HDB3VR
Product or component type	Residual current circuit breaker (RCCB)
Poles description	4P
Earth-leakage protection class	Class A

Complementary

[In] rated current	100.0 A
Earth-leakage sensitivity	300.0 mA
Frame size	100AF
[Ue] rated operational voltage	400 V AC
[Ui] rated insulation voltage	500 V
Mechanical durability	2000 cycles
Electrical durability	1000 cycles
Protection type	Earth-leakage protection direct contact
Local signalling	Mechanical indicator for fault
Mounting support	35 mm DIN rail
9 mm pitches	8
Clamping connection capacity	= 35 mm²
Tightening torque	2...4.5 N.m
Height	82.5 mm
Width	72.0 mm
Depth	71 mm
Embedding depth	44 mm
E-commerce address	Hdb3vr225sc

Environment

Environmental characteristic	Fire retardant
Tropicalisation	2
Pollution degree	2
Ambient air temperature for operation	-25...40 °C
Standards	EN/IEC 61008-1

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Product data sheet

HDB3VR4100SA

Characteristics

Residual current switch HDB3VR - 4P - 100A - 30mA - for AC & DC

	
Main	
Range of product	HDB3VR
Product or component type	Residual current circuit breaker (RCCB)
Poles description	4P
Earth-leakage protection class	Class A

Complementary

[In] rated current	100.0 A
Earth-leakage sensitivity	30.0 mA
Frame size	100AF
[Ue] rated operational voltage	400 V AC
[Ui] rated insulation voltage	500 V
Mechanical durability	2000 cycles
Electrical durability	1000 cycles
Protection type	Earth-leakage protection direct contact
Local signalling	Mechanical indicator for fault
Mounting support	35 mm DIN rail
9 mm pitches	8
Clamping connection capacity	= 35 mm²
Tightening torque	2...4.5 N.m
Height	82.5 mm
Width	72.0 mm
Depth	71 mm
Embedding depth	44 mm
E-commerce address	Hdb3vr225sc

Environment

Environmental characteristic	Fire retardant
Tropicalisation	2
Pollution degree	2
Ambient air temperature for operation	-25...40 °C
Standards	EN/IEC 61008-1

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Product data sheet

HDB3VR480TA

Characteristics

Residual current switch HDB3VR - 4P - 80A - 300mA - for AC & DC

	
Main	
Range of product	HDB3VR
Product or component type	Residual current circuit breaker (RCCB)
Poles description	4P
Earth-leakage protection class	Class A

Complementary

[In] rated current	80.0 A
Earth-leakage sensitivity	300.0 mA
Frame size	100AF
[Ue] rated operational voltage	400 V AC
[Ui] rated insulation voltage	500 V
Mechanical durability	2000 cycles
Electrical durability	1000 cycles
Protection type	Earth-leakage protection direct contact
Local signalling	Mechanical indicator for fault
Mounting support	35 mm DIN rail
9 mm pitches	8
Clamping connection capacity	= 35 mm²
Tightening torque	2...4.5 N.m
Height	82.5 mm
Width	72.0 mm
Depth	71 mm
Embedding depth	44 mm
E-commerce address	Hdb3vr225sc

Environment

Environmental characteristic	Fire retardant
Tropicalisation	2
Pollution degree	2
Ambient air temperature for operation	-25...40 °C
Standards	EN/IEC 61008-1

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Product data sheet

HDB3VR480SA

Characteristics

Residual current switch HDB3VR - 4P - 80A - 30mA - for AC & DC

	
Main	
Range of product	HDB3VR
Product or component type	Residual current circuit breaker (RCCB)
Poles description	4P
Earth-leakage protection class	Class A

Complementary

[In] rated current	80.0 A
Earth-leakage sensitivity	30.0 mA
Frame size	100AF
[Ue] rated operational voltage	400 V AC
[Ui] rated insulation voltage	500 V
Mechanical durability	2000 cycles
Electrical durability	1000 cycles
Protection type	Earth-leakage protection direct contact
Local signalling	Mechanical indicator for fault
Mounting support	35 mm DIN rail
9 mm pitches	8
Clamping connection capacity	= 35 mm²
Tightening torque	2...4.5 N.m
Height	82.5 mm
Width	72.0 mm
Depth	71 mm
Embedding depth	44 mm
E-commerce address	Hdb3vr225sc

Environment

Environmental characteristic	Fire retardant
Tropicalisation	2
Pollution degree	2
Ambient air temperature for operation	-25...40 °C
Standards	EN/IEC 61008-1

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Product data sheet

HDB3VR463TA

Characteristics

Residual current switch HDB3VR - 4P - 63A - 300mA - for AC & DC

	
Main	
Range of product	HDB3VR
Product or component type	Residual current circuit breaker (RCCB)
Poles description	4P
Earth-leakage protection class	Class A

Complementary

[In] rated current	63.0 A
Earth-leakage sensitivity	300.0 mA
Frame size	63AF
[Ue] rated operational voltage	400 V AC
[Ui] rated insulation voltage	500 V
Mechanical durability	2000 cycles
Electrical durability	1000 cycles
Protection type	Earth-leakage protection direct contact
Local signalling	Mechanical indicator for fault
Mounting support	35 mm DIN rail
9 mm pitches	8
Clamping connection capacity	= 25 mm²
Tightening torque	2...4.5 N.m
Height	78.5 mm
Width	72.0 mm
Depth	70.0 mm
Embedding depth	43.5 mm
E-commerce address	Hdb3vr225sc

Environment

Environmental characteristic	Fire retardant
Tropicalisation	2
Pollution degree	2
Ambient air temperature for operation	-25...40 °C
Standards	EN/IEC 61008-1

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Product data sheet

HDB3VR463SA

Characteristics

Residual current switch HDB3VR - 4P - 63A - 30mA - for AC & DC

	
Main	
Range of product	HDB3VR
Product or component type	Residual current circuit breaker (RCCB)
Poles description	4P
Earth-leakage protection class	Class A

Complementary

[In] rated current	63.0 A
Earth-leakage sensitivity	30.0 mA
Frame size	63AF
[Ue] rated operational voltage	400 V AC
[Ui] rated insulation voltage	500 V
Mechanical durability	2000 cycles
Electrical durability	1000 cycles
Protection type	Earth-leakage protection direct contact
Local signalling	Mechanical indicator for fault
Mounting support	35 mm DIN rail
9 mm pitches	8
Clamping connection capacity	= 25 mm²
Tightening torque	2...4.5 N.m
Height	78.5 mm
Width	72.0 mm
Depth	70.0 mm
Embedding depth	43.5 mm
E-commerce address	Hdb3vr225sc

Environment

Environmental characteristic	Fire retardant
Tropicalisation	2
Pollution degree	2
Ambient air temperature for operation	-25...40 °C
Standards	EN/IEC 61008-1

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Product data sheet

HDB3VR440TA

Characteristics

Residual current switch HDB3VR - 4P - 40A - 300mA - for AC & DC

	
Main	
Range of product	HDB3VR
Product or component type	Residual current circuit breaker (RCCB)
Poles description	4P
Earth-leakage protection class	Class A

Complementary

[In] rated current	40.0 A
Earth-leakage sensitivity	300.0 mA
Frame size	63AF
[Ue] rated operational voltage	400 V AC
[Ui] rated insulation voltage	500 V
Mechanical durability	2000 cycles
Electrical durability	1000 cycles
Protection type	Earth-leakage protection direct contact
Local signalling	Mechanical indicator for fault
Mounting support	35 mm DIN rail
9 mm pitches	8
Clamping connection capacity	= 25 mm²
Tightening torque	2...4.5 N.m
Height	78.5 mm
Width	72.0 mm
Depth	70.0 mm
Embedding depth	43.5 mm
E-commerce address	Hdb3vr225sc

Environment

Environmental characteristic	Fire retardant
Tropicalisation	2
Pollution degree	2
Ambient air temperature for operation	-25...40 °C
Standards	EN/IEC 61008-1

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Product data sheet

HDB3VR440SA

Characteristics

Residual current switch HDB3VR - 4P - 40A - 30mA - for AC & DC

	
Main	
Range of product	HDB3VR
Product or component type	Residual current circuit breaker (RCCB)
Poles description	4P
Earth-leakage protection class	Class A

Complementary

[In] rated current	40.0 A
Earth-leakage sensitivity	30.0 mA
Frame size	63AF
[Ue] rated operational voltage	400 V AC
[Ui] rated insulation voltage	500 V
Mechanical durability	2000 cycles
Electrical durability	1000 cycles
Protection type	Earth-leakage protection direct contact
Local signalling	Mechanical indicator for fault
Mounting support	35 mm DIN rail
9 mm pitches	8
Clamping connection capacity	= 25 mm²
Tightening torque	2...4.5 N.m
Height	78.5 mm
Width	72.0 mm
Depth	70.0 mm
Embedding depth	43.5 mm
E-commerce address	Hdb3vr225sc

Environment

Environmental characteristic	Fire retardant
Tropicalisation	2
Pollution degree	2
Ambient air temperature for operation	-25...40 °C
Standards	EN/IEC 61008-1

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Product data sheet

HDB3VR240TA

Characteristics

Residual current switch HDB3VR - 2P - 40A - 300mA - for AC & DC



Main

Range of product	HDB3VR
Product or component type	Residual current circuit breaker (RCCB)
Poles description	2P
Earth-leakage protection class	Class A

Complementary

[In] rated current	40.0 A
Earth-leakage sensitivity	300.0 mA
Frame size	63AF
[Ue] rated operational voltage	230 V AC
[Ui] rated insulation voltage	500 V
Mechanical durability	2000 cycles
Electrical durability	1000 cycles
Protection type	Earth-leakage protection direct contact
Local signalling	Mechanical indicator for fault
Mounting support	35 mm DIN rail
9 mm pitches	4
Clamping connection capacity	= 25 mm²
Tightening torque	2...4.5 N.m
Height	78.5 mm
Width	36.0 mm
Depth	70.0 mm
Embedding depth	43.5 mm
E-commerce address	Hdb3vr225sc

Environment

Environmental characteristic	Fire retardant
Tropicalisation	2
Pollution degree	2
Ambient air temperature for operation	-25...40 °C
Standards	EN/IEC 61008-1

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Product data sheet

HDB3VR240SA

Characteristics

Residual current switch HDB3VR - 2P - 40A - 30mA - for AC & DC



Main

Range of product	HDB3VR
Product or component type	Residual current circuit breaker (RCCB)
Poles description	2P
Earth-leakage protection class	Class A

Complementary

[In] rated current	40.0 A
Earth-leakage sensitivity	30.0 mA
Frame size	63AF
[Ue] rated operational voltage	230 V AC
[Ui] rated insulation voltage	500 V
Mechanical durability	2000 cycles
Electrical durability	1000 cycles
Protection type	Earth-leakage protection direct contact
Local signalling	Mechanical indicator for fault
Mounting support	35 mm DIN rail
9 mm pitches	4
Clamping connection capacity	= 25 mm²
Tightening torque	2...4.5 N.m
Height	78.5 mm
Width	36.0 mm
Depth	70.0 mm
Embedding depth	43.5 mm
E-commerce address	Hdb3vr225sc

Environment

Environmental characteristic	Fire retardant
Tropicalisation	2
Pollution degree	2
Ambient air temperature for operation	-25...40 °C
Standards	EN/IEC 61008-1

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