

Product No: VB7300185

ABB CTR MINI REVERSE 5.5KW 415VAC COIL VB7300185

FEATURES

- Built-in mechanical interlock.
- Resistive or motor loads up to 690V AC.
- Efficient and space saving solution.
- DIN Rail or wall mounting.



General Information

Brand	ABB
Product Type	Mini Contactor

Technical Attributes

Cable Sections - Auxiliary Circuit	Flexible with Ferrule 1/2x 1 ... 2.5 mm ² Flexible with Insulated Ferrule 1/2x 1 ... 2.5 mm ² Flexible 1/2x 1 ... 2.5 mm ² Rigid 1/2x 1 ... 4 mm ²
Cable Sections - Control Circuit	Flexible with Ferrule 1/2x 1 ... 2.5 mm ² Flexible with Insulated Ferrule 1/2x 1 ... 2.5 mm ² Flexible 1/2x 1 ... 2.5 mm ² Rigid 1/2x 1 ... 4 mm ²
Cable Sections - Main Circuit	Flexible with Ferrule 1/2x 1 ... 2.5 mm ² Flexible with Insulated Ferrule 1/2x 1 ... 2.5 mm ² Flexible 1/2x 1 ... 2.5 mm ² Rigid 1/2x 1 ... 4 mm ²
Conventional Free-Air Thermal Current - I _{th} (A)	Main Circuit 20 A
DIN Rail Mounting	TH35-15 (35 x 15 mm Mounting Bar) according to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Bar) according to IEC 60715
Maximum Electrical Switching Frequency	AC-1 300 cycles per hour AC-15 600 cycles per hour AC-3 600 cycles per hour DC-1 600 cycles per hour DC-13 600 cycles per hour DC-3 600 cycles per hour
Mechanical Durability	10000000 cycle(s)

No. of Main Contacts	3 NO
No. of Poles	3
Power Loss (W)	at Nominal Operating Conditions AC-1 for Polo 1.4 W
Rated Control Voltage	380 ... 415 V AC
Rated Frequency (Hz)	50 / 60
Rated Impulse Withstand Voltage (kV)	Main Circuit 6 kV
Rated Insulation Voltage	690V according to UL/CSA 600 V
Rated Operational Current AC-1 (A)	(220 / 240 V) 40 °C 20 A (220 / 240 V) 55 °C 16 A (380 / 440 V) 40 °C 20 A (380 / 440 V) 55 °C 16 A (690V) 40°C 6A (690V) 55°C 6A
Rated Operational Current AC-3 (A)	(230 V) Three Phase 3 kW (400 V) Three Phase 5.5 kW (500V) Three Phase 5.5kW (690 V) Three Phase, NO 3 kW
Rated Operational Voltage AC (V)	Auxiliary Circuit 690 V AC Auxiliary Circuit 250 V DC Main Circuit 690 V AC Main Circuit 220 V DC
Tightening Torque (Nm)	Control Circuit 0.8 ... 1.1 N m Main Circuit 0.8 ... 1.1 N m
Wire Stripping Length (mm)	9

Dimensions

Dimensions (mm)	57.5 * 96.2 * 46.7 [H*W*D]
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Protection & Standards

Degree of Protection	IP20 Main Circuit Terminals
Pollution Degree	3
Standards	IEC/EN 60947-1, IEC/EN 60947-4-1, IEC/EN 60947-5-1, UL 60947-1, UL 60947-4-1