

Product No: UA95300088

ABB UA-95 CONTACTOR 240V COIL UA95300088



General Information

Brand	ABB
Product Type	Capacitor Switching Contactors

Technical Attributes

Cable Sections - Auxiliary Circuit	Flexible with Ferrule 2x 0.75 ... 2.5 mm ² Flexible with Insulated Ferrule 2x 0.75 ... 2.5 mm ² Flexible 2x0.75 ... 2.5 mm ² Solid 2 x 1 ... 4 mm ² Stranded 2 x 1 ... 4 mm ²
Cable Sections - Main Circuit	Bar 30 mm ² Flexible with Cable End 2 x 6 ... 35 mm ² Rigid 1 x 10 ... 95 mm ²
Coil Consumption	Holding at Max. Rated Control Circuit Voltage 50 Hz 22 V·A Holding at Max. Rated Control Circuit Voltage 60 Hz 26 V·A Pull-in at Max. Rated Control Circuit Voltage 50 Hz 350 V·A Pull-in at Max. Rated Control Circuit Voltage 60 Hz 450 V·A
Conventional Free-Air Thermal Current - I _{th} (A)	acc. to IEC 60947-4-1, Open Contactors $\theta = 40\text{ }^{\circ}\text{C}$ 145 A
Maximum Breaking Capacity	cos phi=0.45 (cos phi=0.35 for I _e > 100 A) at 440 V 1160 A cos phi=0.45 (cos phi=0.35 for I _e > 100 A) at 690 V 800 A
Maximum Electrical Switching Frequency	240 cycles per hour
Maximum Mechanical Switching Frequency	3600 cycles per hour

No. of Main Contacts	3 NO
Operate Time	Between Coil De-energization and NC Contact Closing 7 ... 15 ms Between Coil Energization and NO Contact Closing 10 ... 25 ms
Rated Control Voltage	50 Hz 230 ... 240 V 60 Hz 240 ... 260 V
Rated Impulse Withstand Voltage (kV)	Main Circuit 8 kV
Rated Insulation Voltage	acc. to IEC 60947-4-1 and VDE 0110 (Gr. C) 1000 V acc. to UL/CSA 600 V
Rated Operational Power AC-23A (kW)	(380 / 400 V) 45 kW
Rated Operational Voltage AC (V)	Main Circuit 1000 V
Rated Short-time Withstand Current Low Voltage - I _{cw} (A)	at 40 °C Ambient Temp, in Free Air, from a Cold State 10 s 800 A at 40 °C Ambient Temp, in Free Air, from a Cold State 15 min 160 A at 40 °C Ambient Temp, in Free Air, from a Cold State 1 min 350 A at 40 °C Ambient Temp, in Free Air, from a Cold State 1 s 1320 A at 40 °C Ambient Temp, in Free Air, from a Cold State 30 s 500 A
Terminal Type	Cable Clamp

Dimensions

Dimensions (mm)	148 * 90 * 123.5 [H*W*D]
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Protection & Standards

Degree of Protection	acc. to IEC 60529, IEC 60947-1, EN 60529 Coil Terminals IP20 acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP10
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