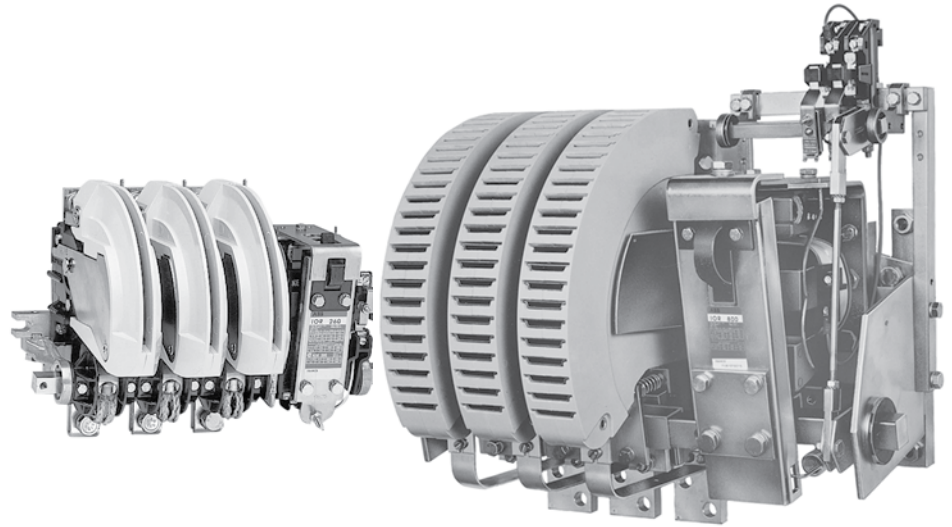


# Bar Contactors



## Description

- Variable number and type of main poles, (N.O., N.C.)
- Large number and type of auxiliary contacts
- Extremely versatile and easily accessible for maintenance
- Main poles maximum operating voltage:
  - AC switching up to 500 V, Type IOR
  - AC switching up to 1200V, Type IOR – MT
  - DC switching up to 440V, Type IOR
  - DC switching up to 750V, Type IOR – CC
- Specific construction available as standard:
  - Contactors with N.O./N.C. main poles, with or without overlapping
  - Contactors with magnetic latch or mechanical latch

## Applications

Bar mounted contactors are largely used in the iron and steel industry for traction (rolling stock), electrolysis and hoisting equipment for applications from 63A to 5000A.

## Standards

Bar contactors comply with major international standards:

- |                   |   |
|-------------------|---|
| • IEC 947-4-1     | International Electrotechnical Commission |
| • UTE NF C 63-110 | France                                    |
| • VDE 0660        | Germany                                   |
| • BS 5424         | Great Britain                             |
| • NBN 222-2       | Belgium                                   |

Please fill out the form on the next page with the required information and fax to us at 940-397-7085, ATTN: Standard control. We will get right back to you!

# Specification check list

Customer .....  
 Contact person ..... Date .....  
 Tel. .... e-mail .....

ABB .....  
 Contact person .....  
 Tel. ....

Quantity ..... Requested delivery date .....  
 Project / Application .....

**Power Circuit**

**a.c. switching**  
 Application type  
 AC-1 (resistive load)  
 AC-3 (starting, switching off running motors)  
 No load breaking  
 Other .....

Number of poles: N.O. .... N.C. ....  
 Rated operational current  $I_n$  ..... A  
 Rated operational voltage  $U_n$  ..... V ..... Hz

or

**d.c. switching**  
 Application type  
 DC-1 (resistive load)  
 DC-3 (shunt motors)  
 DC-5 (series motors)  
 No load breaking  
 Other ..... L/R ..... ms

Number of poles: N.O. .... N.C. ....  
 Rated operational current  $I_n$  ..... A  
 Making current ..... A  
 Breaking current min. .... A max. .... A  
 Rated operational voltage  $U_n$  ..... V d.c.

**Operating conditions**

Switching frequency ..... cycles/h  
 Mech. Durability required (millions of operating cycles) .....  
 Remarks .....

**Accessories** .....

Please add any other useful documents for further information e.g. technical specification, drawing, wiring diagram, etc.

**Replacement of an existing contactor**

Brand .....  
 Typ .....

Fixing dimension  $F$  = ..... mm  
 Overall dimensions  $W$  = ..... mm  
 $H$  = ..... mm  
 $D$  = ..... mm

**Auxiliary contacts**  
 Number of N.O. auxiliary contacts .....  
 Number of N.C. auxiliary contacts .....

**Control circuit (coil)**  
 a.c.  Voltage ..... V ..... Hz  
 d.c.  Voltage ..... V d.c.

**Options**  
 Magnetical latching  
 Mechanical latching

