

## Product No: ESB10040N01

### ABB ESB100-40N-01 INSTALLATION CONTACTORS (NO) 100 A - 4 NO - 0 NC - 24 V - CONTROL CIRCUIT 400 HZ ESB10040N01

#### FEATURES

- Operates seamlessly with both AC and DC power sources
- Quiet and efficient operation
- Integrated overvoltage protection
- Customisable configuration



#### General Information

|              |               |
|--------------|---------------|
| Brand        | ABB           |
| Product Type | DIN Contactor |
| Series       | ESB           |

#### Technical Attributes

|   |                                    |
|---|------------------------------------|
| Excitation Voltage Type                 | AC/DC                              |
| Hum-free                                | Yes                                |
| No. of Normally-open Contacts           | 4                                  |
| Operating Voltage Type                  | AC/DC                              |
| Rated Control Circuit Voltage (V)       | 24                                 |
| Rated Control Circuit Voltage AC/DC (V) | 24                                 |
| Rated Frequency (Hz)                    | 50/60                              |
| Rated Impulse Withstand Voltage (kV)    | 6                                  |
| Rated Insulation Voltage (V)            | 500                                |
| Rated Operational Current (A)           | 100                                |
| Rated Operational Current AC-1 (A)      | 100 (NO)                           |
| Rated Operational Voltage AC (V)        | 400                                |
| Rated Operational Voltage DC (V)        | 220                                |
| Terminal Type                           | Screw                              |
| Utilization Category                    | AC-1 According to EN IEC 60947-4-1 |

#### Physical Attributes

|                                |          |
|--------------------------------|----------|
| Mounting Type                  | DIN Rail |
| No. of Modules - Width 17.5 mm | 6        |

### Physical Attributes

|                                     |            |
|-------------------------------------|------------|
| Operational Temperature Range (°C)  | -25 to +55 |
| Width in Number of Modular Spacings | 6          |

### Dimensions

|                     |                  |
|---------------------|------------------|
| Built-in Depth (mm) | 58               |
| Dimensions (mm)     | 108W x 85H x 65D |

### Protection & Standards

|                      |      |
|----------------------|------|
| Degree of Protection | IP20 |
| Pollution Degree     | 3    |

### Resources

|                              |                                    |
|------------------------------|------------------------------------|
| Product catalogue (Flipbook) | <a href="#">Download from here</a> |
|------------------------------|------------------------------------|