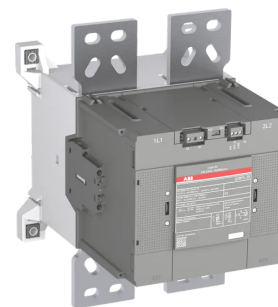


Product No: GF875202253

ABB 2P 1500VDC DC-PV3 875A 100-250V AC/DC COIL GF875202253

FEATURES

- Add-on auxiliary contact
- Built-in surge suppression
- For controlling shunt or series motors and resistive or slightly inductive loads up to 1000V DC
- Rated Operational Current DC-1 up to 1750A
- Panel mounting



General Information

| | |
|---------------|-----------------|
| Brand | ABB |
| Product Type | DC Contactor |
| Reference No. | ISFL617731R5322 |

Technical Attributes

| | |
|---|---|
| Auxiliary Circuit Connecting Capacity | Flexible with Ferrule 2 x 0.75 - 2.5mm ² Flexible with Insulated Ferrule 2 x 0.75 - 2.5mm ² Flexible 2 x 0.75 - 2.5mm ² Solid 2 x 1 - 4mm ² Stranded 2 x 1 - 4mm ² |
| Conventional Free-Air Thermal Current - I _{th} (A) | Open Contactors $\theta = 40\text{ }^{\circ}\text{C}$ 900 A Open Contactors $\theta = 60\text{ }^{\circ}\text{C}$ 875 A Open Contactors $\theta = 70\text{ }^{\circ}\text{C}$ 650 A |
| Main Circuit Connecting Capacity | Solid 600mm ² |
| No. of Normally-closed Auxiliary Contacts | 2 |
| No. of Normally-open Auxiliary Contacts | 2 |
| No. of Normally-open Contacts | 2 |
| Rated Control Circuit Voltage AC (V) | 100 - 250 |
| Rated Impulse Withstand Voltage (kV) | Main Circuit: 8kV |
| Rated Operational Voltage (V) | Main Circuit: 1500V |
| Rated Short-Time Withstand Current - I _{cw} (kA) | At 40 °C Ambient Temp, in Free Air, from a Cold State: 1s 6.2kA 10s 5.2kA 30s 4.2kA |

60s 3.1kA
15min 1.1kA

Terminal Type

Main Circuit: Bars

Physical Attributes

Ambient Temperature Range (°C)

-40 to 70

Dimensions

Dimensions (mm)

253W x 355H x 300D

Weight (kg)

14.3

Protection & Standards

Degree of Protection

Coil Terminals: IP20

Resources

Product catalogue (Flipbook)

[Download from here](#)