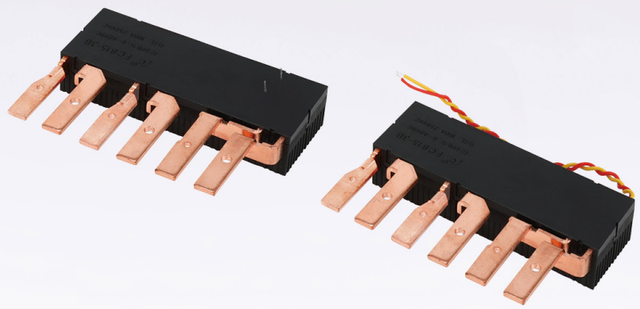
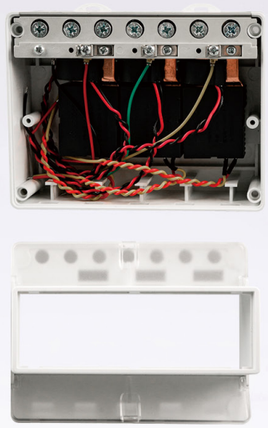
FC815-(6-48)V-3B-DG7





Model Meaning

FC815 - 100A - 3B - 12VDC - S - XXX

- XXX — Customer Special Requirements
- S — Coil Type： D=Double； S=Single
- 12VDC — Coil Rated Voltage：3VDC， 5VDC， 6VDC， 9 VDC， 12VDC， 24VDC，48VDC
- 3B — Contact Arrangement:
  - 1B = 1 set of NC (Normally Closed) contacts — contacts are closed during shipment.
  - 1A = 1 set of NO (Normally Open) contacts — contacts are open during shipment.
- 100A — Switching Current：(100A or 120A)
- FC815 — Model

Coil Specification (20)

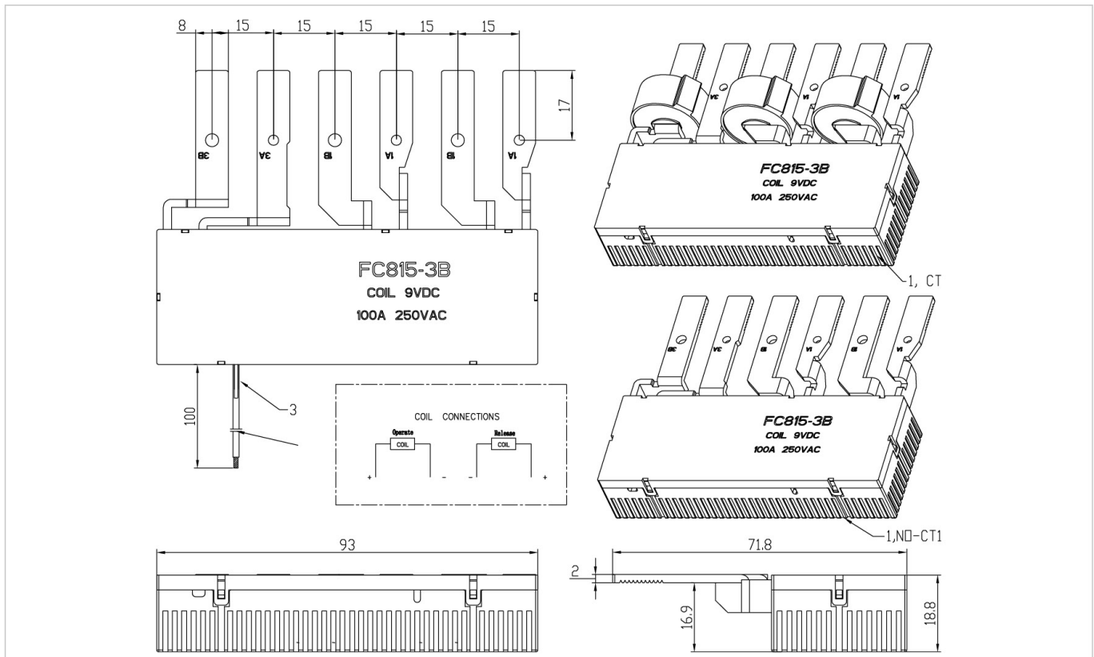
Voltage (VDC)	Coil Resistance (Ω) ± 10%		Coil Power (W)		Operating Voltage (VDC)	Releasing Voltage (VDC)	Allowing Voltage (VDC)
	Single	Double	Single	Double			
9	28.9	14.5/14.5	2.80	5.60	≤6.3	≤6.3	48
12	51.4	25.7/25.7			≤8.4	≤8.4	60
24	205.7	102/102			≤16.8	≤16.8	120

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Technical Parameters

Project			Parameter
Contact Specification	Contact Form		3B
	Contact Material		Silver alloy
	Contact Voltage Drop (10A)		Max.15mV
	Contact Rating		100A 250VAC
	Max.Switching Voltage		250VAC
	Max.Switching Current		100A
	Max. Switching Power		25000VA
	Service Life	Mechanical	5×10^5ops
		Electrical	1×10^4ops
Characteristics	Operate Time		30ms Max
	Release Time		30ms Max
	Dielectric Strength		50/60Hz， 1Min
	Contact & Coil		6000VAC
	Contact & Contact		1500VAC
	Pole & Pole		
	Insulation Resistance,500VDC		1000MΩ Min
	Weight		140g
	Overall Dimension		In Drawing
Environment Specification	Ambient Temperature		-40℃～ +70℃
	Vibration		10-55Hz 1.5mm
	Relative Humidity		45%-90% RH
	Shock		98m/s^2

Overall dimensions



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