

C20 Series

Mini Coil

General Features

The coils are the interchangeable piece of modular solenoid valve system. The coil assembles onto the armature and it is the device that when energized creates the magnetic force that lifts the plunger off of the valve seat.

Some C20 Series TORK solenoid coils can operate at two different voltage types. See the table for verification.

Technical Features

Standard Voltages	: AC 12V, 24V, 48V, 110V, 230V
	: DC 12V, 24V
Frequency	: 50 Hz (60 Hz...)
Voltages Tolerance	: +/- 10 %
Maximum Permissible Ripple	: 20 % for DC Voltages



Coil Characteristics

Continuous Duty	: ED %100
Coil Insulation Class	: H (180°C)
Ambient Temperature	: -20°C, +50°C
Overall Width	: 22mm
Sheathing material	: Thermoplastic
Protection Degree	: IP65
Electrical Safety	: IEC 335
Electric Plug Connection	: Connector form B type
Compatible sockets	: C81, C86 Series Sockets

Model	Supply Voltage	Rated Power	Rated Current
C20024VDC4.8W	24 Vdc	4.8 W	200 mA
	48 Vac, 50 Hz	8 VA	277 mA
	48 Vac, 60 Hz	6.9 VA	239 mA
C20230VAC7.9VA	220 Vac, 50 Hz	6.9 VA	52 mA
	230 Vac, 50 /60Hz	7.9 VA	57mA
	240 Vac, 50 /60Hz	8 VA	55 mA
C20220VAC7.1VA	220 Vac, 50 Hz	7.1 VA	53 mA
	220 Vac, 60 Hz	5.7 VA	43 mA
C20110VAC7.1VA	110 Vac, 50 Hz	7.1 VA	106 mA
	110 Vac, 60 Hz	5.7 VA	86 mA
C20012VDC4.6W	12 Vdc	4.6 W	383 mA
	24 Vac, 50 Hz	7.1 VA	493 mA
	24 Vac, 60 Hz	5.8 VA	402 mA

