



High-Voltage Artificial Network

ANQJ 150C20

- ISO 21498-2:2021
- ISO 21498-2:2024
- VM 80300
- MBN_11123
- Q-JLY J7111974A

Features

- > Color touch screen, supporting quick switching between impedance and capacitance
- > Built-in 10 mF decoupling capacitor and discharge resistor, with real-time capacitor voltage monitoring
- > Maximum input voltage: 1,500 VDC; maximum test current: 200 A
- > Output resistance: 2 * 10 mΩ, 2 * 25 mΩ, 2 * 50 mΩ, 2 * 100 mΩ, 2 * 200 mΩ, 50 mΩ, 100 mΩ, and 200 mΩ
- > Current monitoring and display with overcurrent alarm
- > Water-cooled thermal management system for enhanced cooling performance
- > Built-in temperature, water flow, water temperature, and water pressure protection
- > Supports remote control

Introduction

The ANQJ 150C20 is designed in accordance with ISO 21498-2:2021, ISO 21498-2:2024, MBN 11123, VW 80300, and Q-JLY J7111974A. It integrates selectable resistance values of 2 * 10 mΩ, 2 * 25 mΩ, 2 * 50 mΩ, 2 * 100 mΩ, 2 * 200 mΩ, 50 mΩ, 100 mΩ, and 200 mΩ, as well as a 10 mF capacitor. The equipment supports testing at up to 1,500 VDC and 200 A DC.

Application Areas



Technical Parameters

Frequency	10 Hz ~ 150 kHz
Output Impedance	2*10 mΩ, 2*25 mΩ, 2*50 mΩ, 2*100 mΩ, 2*200 mΩ, 50 mΩ, 100 mΩ, 200 mΩ
Inductor	1 μH
Grounding Capacitance	1 μF or 220 nF
Decoupling Capacitance	10 mF (0% ~ +10%)
Max. Input Voltage	MAX 1,500 VDC
Input/Output Ports	4 mm banana sockets (DC current < 32 A) High-voltage connector socket (DC current ≤ 200 A)
Current	Continuous current: 200 A; short-term overcurrent: 350 A
Capacitor Voltage Monitoring	Monitors the voltage of the 10 mF capacitor
Protection	Temperature, water flow, water temperature, and water pressure protection
Water-Cooling Inlet/Outlet Port Size	DN25 female thread
Water-Cooling Inlet Temperature	15°C ~ 20°C
Water-Cooling Inlet Flow Rate	>15 L/min

General Parameters

Display	5.7-inch TFT touch screen
Working Power	AC 220 V, ±10%, 50/60 Hz (±5%)
Fuse	6 A
Max. Power Consumption	400 W
Grounding Method	Flat grounding wire
Dimension	35 U rack, 600 (W) * 1,775 (H) * 800 (D) mm
Weight	Approx. 300 kg
Atmospheric Pressure	86 kPa ~ 106 kPa
Ambient Temperature	15°C ~ 35°C
Relative Humidity	45% ~ 75%, RH (no condensation)

Standard Accessories

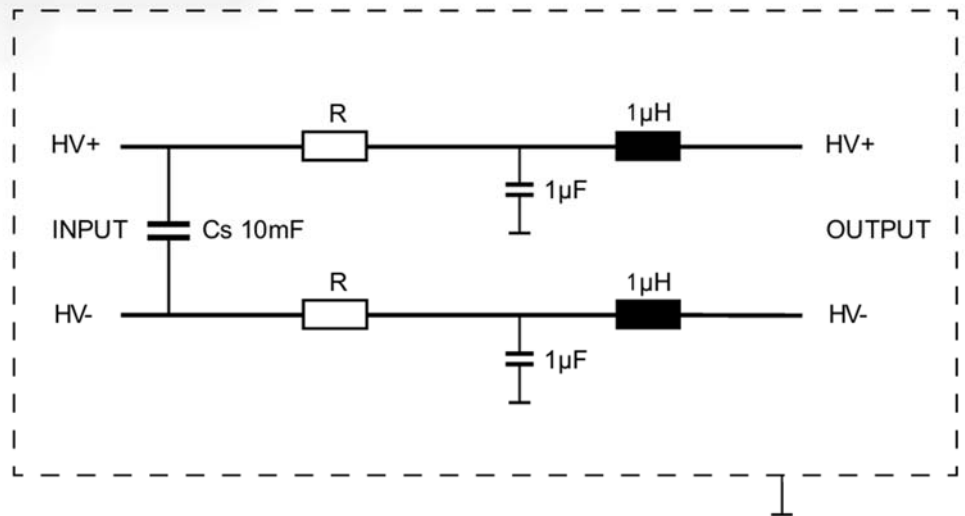
Three-core Power Cable, User Manual, Test Cables, Impedance Calibration Module, Fuse

Optional Accessories

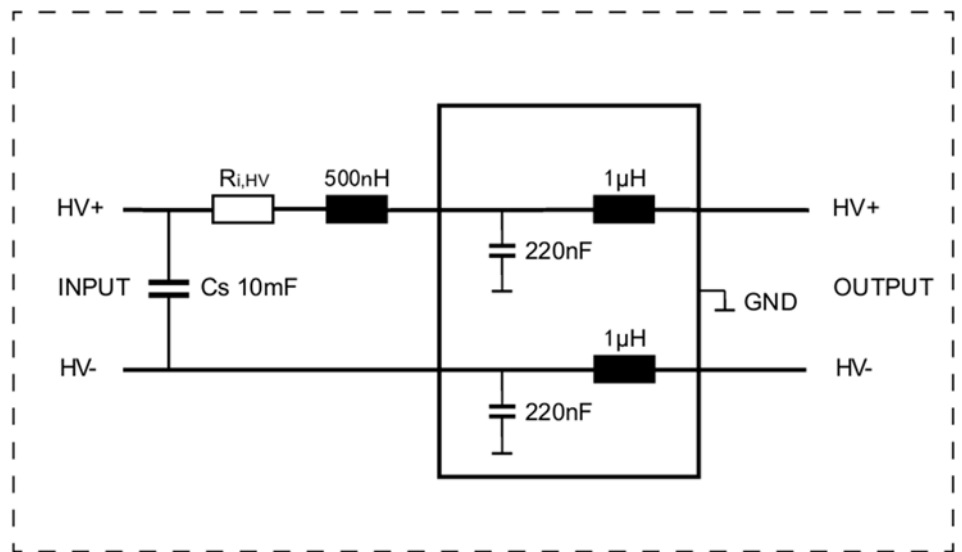
1	Automotive Immunity Test Software	Model: AutoLab > Compatible with Windows 7/8/10/11 > Easy to operate with a clean, intuitive UI. > Built-in standard test library supports quick custom test programming, meeting ISO 21498-2 and VW 80300 test standards.	
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Standard Schematic Diagram

Compliant with ISO 21498-2:2021, ISO 21498-2:2024, MBN_11123, and Q-JLY J7111974A standards



Compliant with VW 80300 standards



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