

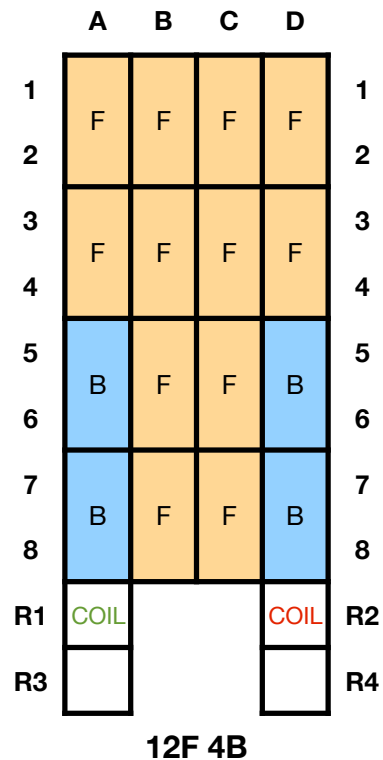
CONTACT LAYOUT:

Note: Layouts shown are when viewed from the rear of the relay.

iQN1

FEATURES:

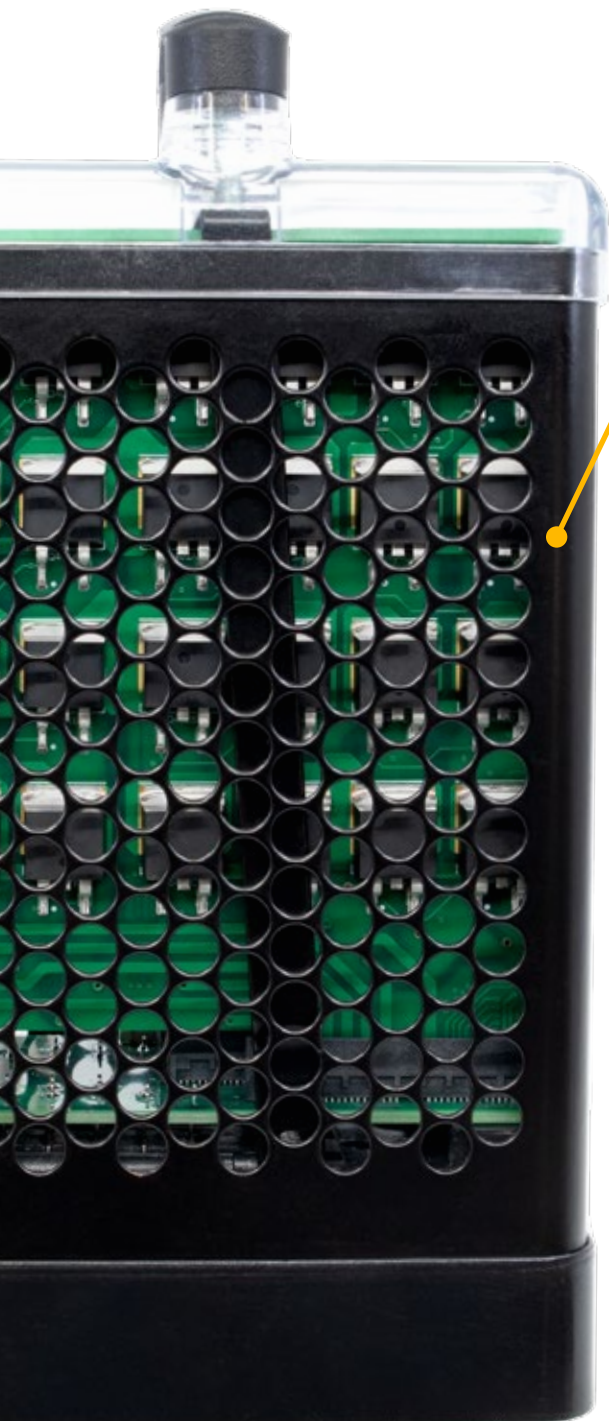
- DC neutral
- AC & DC switching (DC only switching variant available on request)
- Patented design
- SIL4 Certified
- Typical operate time = 150ms
- Typical release time = 30ms
- Weight = 0.8kg



Product Code	Nominal Working Volts (VDC)	Contacts	Interlocking PIN code	Plugboard Product Code
iQN1-12F-4B-50	50	12F 4B	ABCEF	iQN1-ABCEF-B
iQN1-12F-4B-24	24	12F 4B	ABCDE	iQN1-ABCDE-B

TECHNICAL DATA

The **SELECTiQ**® has been designed to improve reliability, performance and functionality over its electromechanical predecessors.



LONGER LIFE

Over 20x longer life expectancy (compared to traditional relays). Proven up to 20,000,000 cycles without failure - and counting!

FEATURES

- SIL4 Certified
- Backward and upward compatibility with existing electromechanical relays and Q-relay plugboards
- Consistent output and operation over its lifespan
- 100% solid state technology
- No moving parts
- No more contact resistance issues
- Nominal working voltages: 24VDC or 50VDC
- Reduced lead time
- Accurate and consistent repeatability
- User friendly display
- Improved interlocking PIN code retaining plate design
- Increased reliability
- Patented design
- AC & DC switching or DC only switching (on request)
- BR930 Q relay form factor
- Compatible with existing BR829 Q relay plugboards (interlocking pin code permitting)



SELF TESTING

Just plug it in. No pretesting is required as our SELECTIQ relay tests itself and will shut down safely if it detects a fault.

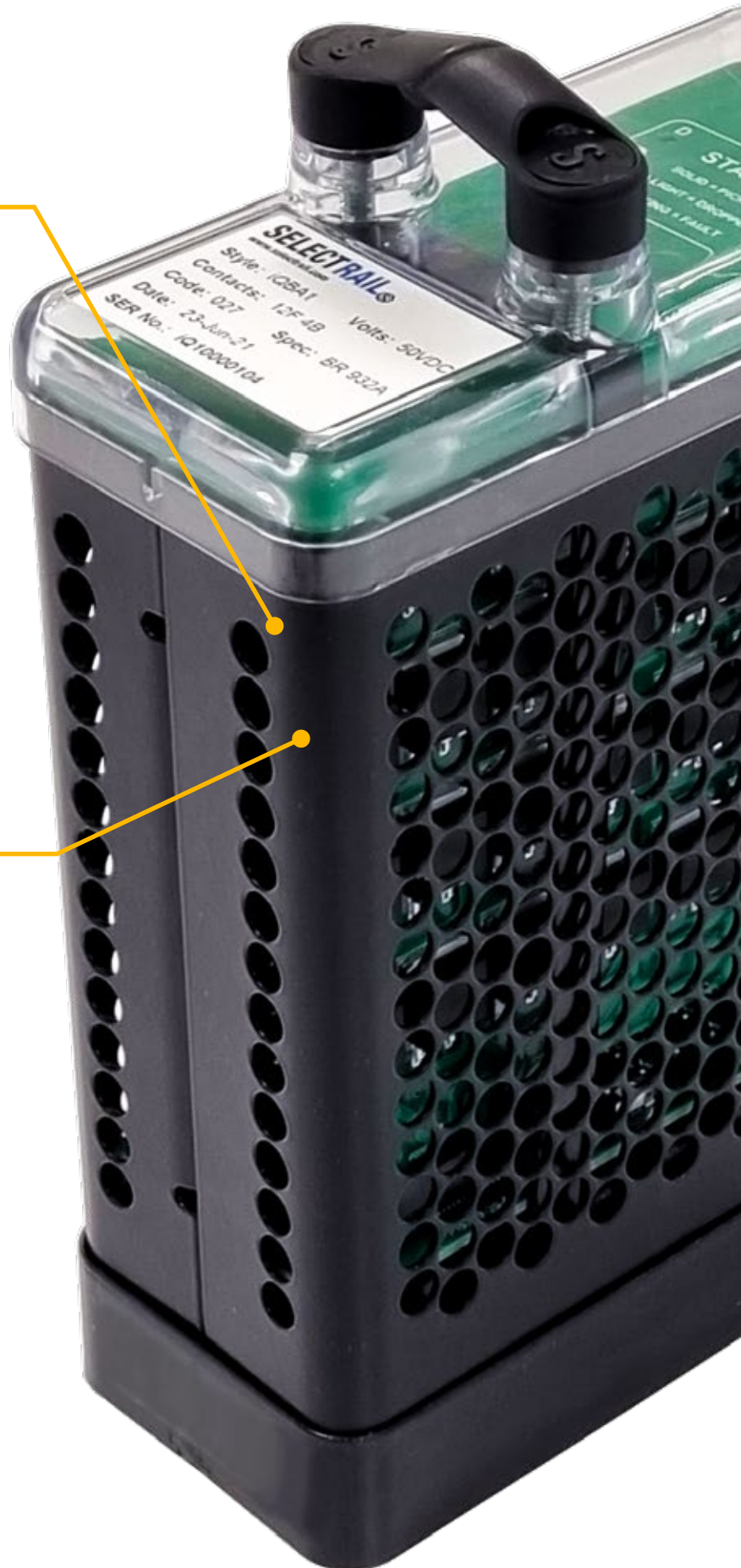


ZERO MAINTENANCE

This unit requires no hard wiring changes, no customer testing, no batteries, or additional power supply (only coil supply as with traditional Q-Style relays).

SPECIFICATIONS

- Contact Current Rating: 3.0A/channel
- AC Immune
- Approximate weight: 0.75kg
- Designed for Operating Temperature: -40°C to +70°C
- Low Power Consumption
- Available Biased or Non-Biased



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