

SELECTRAIL®



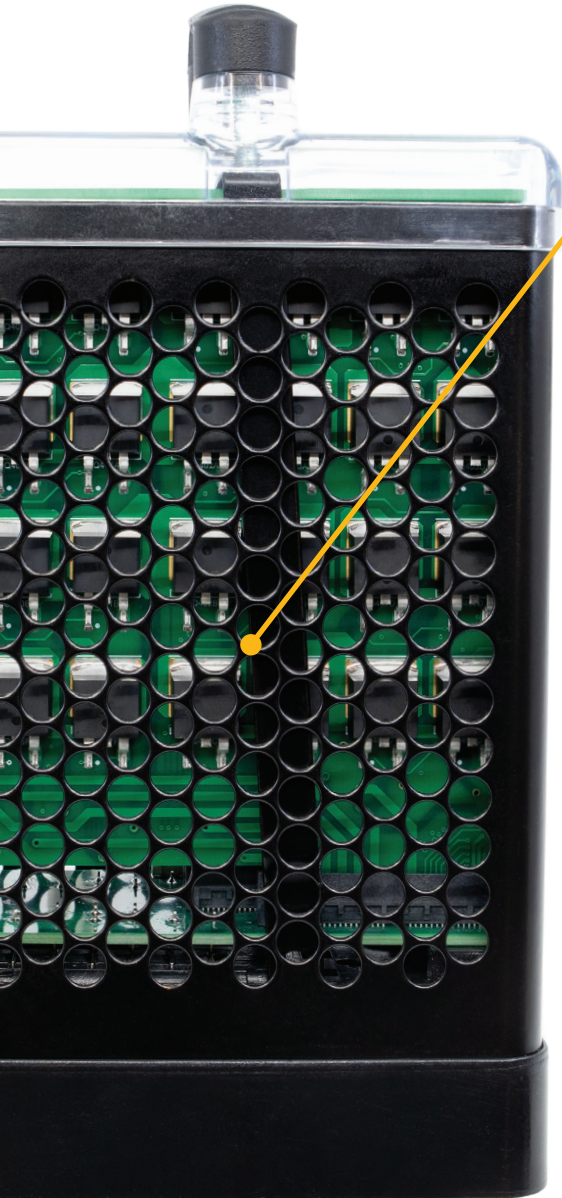
TECHNICAL INFORMATION GUIDE

SOLID-STATE IQ SIGNALLING RELAYS

SELECTIQ®

TECHNICAL DATA

The SELECTIQ and DIN-RAIL Mountable IQ Relay ranges have been designed to improve reliability, performance and functionality over their electromechanical predecessors.



LONGER LIFE



Over 30x longer life expectancy (compared to traditional relays.) Proven to over 30,000,000 cycles without failure - and counting!

FEATURES

- Backwards and upwards 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
- Reduced lead time
- Accurate and consistent repeatability
- User friendly displays
- Improved interlocking PIN code retaining plate design
- Increased reliability
- Patented design
- AC & DC switching or DC only switching (on request)



SELECTIQ
THE NEXT GENERATION OF Q-RELAYS



**DIN-RAIL
MOUNTABLE IQ RELAY**
THE FUTURE IS COMING... WHICH LINE ARE YOU TAKING?

TYPE	PRODUCT CODE	VOLTS	CONTACTS	PIN CODE	SIL LEVEL	AC IMMUNE	DC SUPPLY	MOUNTING
iQ CJ1	iQCJ1-1F-3B-50-10	50 VDC	1F 3B	ACELM	NON-VITAL	NO	BIASED	BR829
iQ CJ1	iQCJ1-1F-3B-50-7.5	50 VDC	1F 3B	ABDFGJ	NON-VITAL	NO	BIASED	BR829
iQ CJ1	iQCJ1-1F-3B-24-7.5	24 VDC	1F 3B	ABDFGH	NON-VITAL	NO	BIASED	BR829
iQ MT2	iQMT2-1F-3B-50	50 VDC	1F 3B	BEFJK	SIL 2	NO	BIASED	BR829
iQ MT2	iQMT2-1F-3B-24	24 VDC	1F 3B	BEGHK	SIL 2	NO	BIASED	BR829
iQ N1	iQN1-12F-4B-50	50 VDC	12F 4B	ABCEF	SIL 4	NO	NEUTRAL	BR829
iQ N1	iQN1-12F-4B-24	24 VDC	12F 4B	ABCDE	SIL 4	NO	NEUTRAL	BR829
iQ NA1	iQNA1-12F-4B-50	50 VDC	12F 4B	ABEFH	SIL 4	YES	NEUTRAL	BR829
iQ NA1	iQNA1-12F-4B-24	24 VDC	12F 4B	ABDFH	SIL 4	YES	NEUTRAL	BR829
iQ BA1	iQBA1-12F-4B-50	50 VDC	12F 4B	ACDFH	SIL 4 (CERT)	YES	BIASED	BR829
iQ BA1	iQBA1-12F-4B-24	24 VDC	12F 4B	ABFGH	SIL 4 (CERT)	YES	BIASED	BR829
iQ SELECT2	iQSELECT2-5F-2B-50	50 VDC	5F 2B	BDFHX	SIL 4 (CERT)	NO	BIASED	BR829
iQ SELECT2	iQSELECT2-5F-2B-24	24 VDC	5F 2B	BDFJX	SIL 4 (CERT)	NO	BIASED	BR829
iQ PR2	iQPR2-2F-48	48 VDC	2F	N/A	SIL 4 (CERT)	NO	BIASED	DIN-RAIL

SELF TESTING

No pretesting required, just plug it in and SELECTiQ will self test and shut down safely if a fault is detected



SOLID STATE

SELECTiQ relays are 100% solid state and as they contain no moving parts, require zero maintenance! They require no hard wiring changes, no customer testing and no batteries or additional power supply (only coil supply as with traditional Q-style relays)

SPECIFICATIONS

- Contact Current Rating: 3.0A/channel
- Designed for Operating Temperatures: -40°C to +70°C





Selectrail (Australia) Pty Ltd is an Australian-based railway signalling and solutions company, specialising in the supply of high-quality railway products, equipment, and services to the global signalling industry.

Selectrail can assist with all your solid-state signalling relay needs. Our team of specialists brings years of experience in delivering bespoke and innovative solutions. Whatever the challenge, we're ready to support your next project — whether it's design, commissioning, training, or something truly unique.

As part of our ongoing commitment to continuous improvement, Selectrail has achieved ISO 9001 Certification (*Quality Management Systems*), ensuring the highest standards in our internal processes and operations.



SELECTRAIL AUSTRALIA PTY. LTD.

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