

- ↘ Fish farming
- ↘ Ship building
- ↘ Loading bridges
- ↘ Spreader

MARINE & OFFSHORE

Murrelektronik is the right partner to have on board



MURRELEKTRONIK HAS THE SOLUTIONS YOU NEED IN THE MARINE & OFFSHORE INDUSTRY

Murrelektronik is the right partner to have on board! We offer the solutions you need for the marine and offshore industry worldwide ensuring that quality is never compromised. We know you have different needs on the shore side versus on board and we offer a wide product range with the approvals you need to build a reliable marine or offshore system.

FACTS ABOUT MURRELEKTRONIK

- Represented worldwide with 23 branch offices and many sales partners
- 2,000 employees
- €230 mil in sales
- 2 million products in stock so you don't have to wait
- 45,000 different products

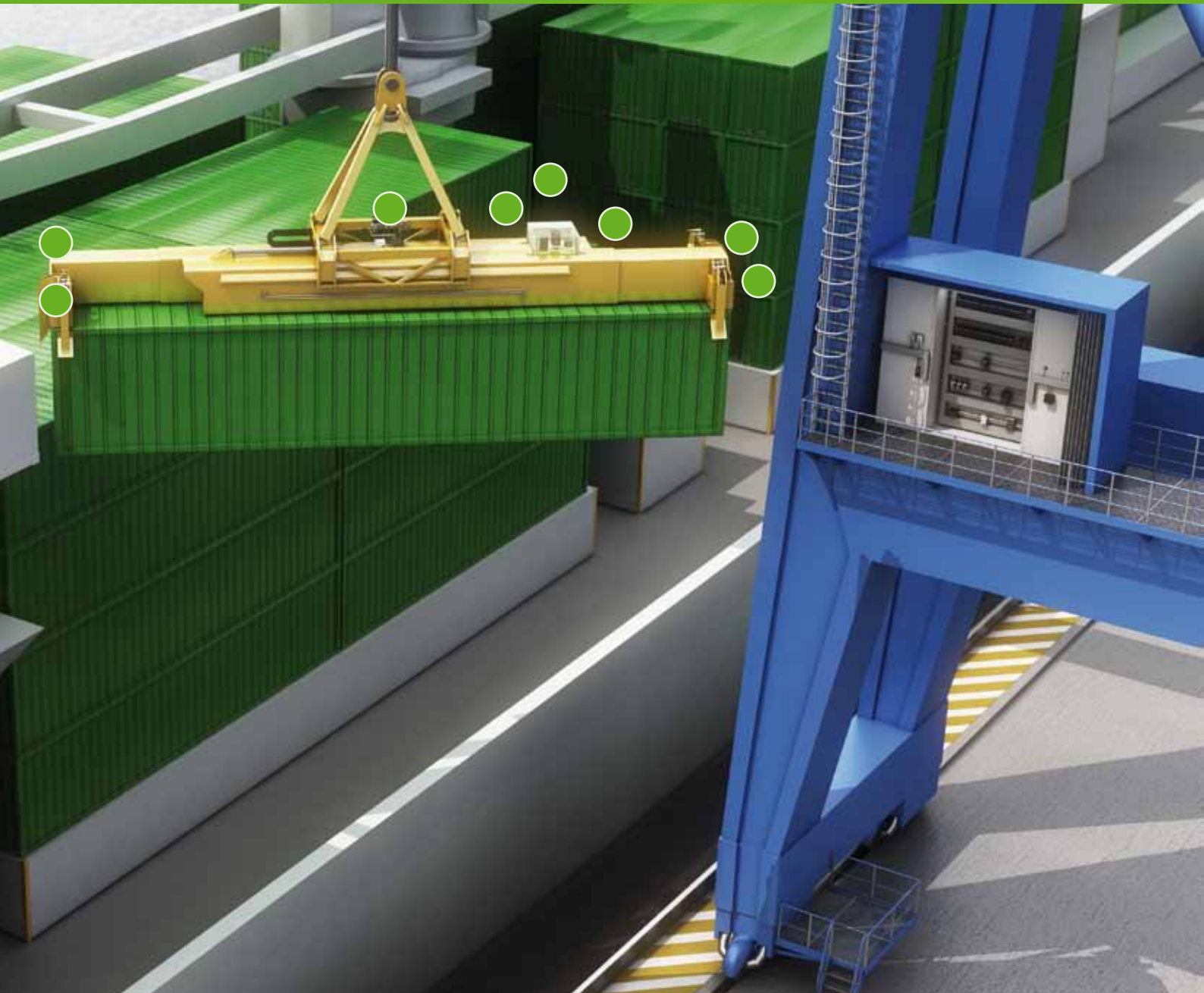


MARKET REQUIREMENTS


- Industry-specific products
- High delivery performance worldwide
- Supports all standard fieldbus systems
- High machine availability

MURRELEKTRONIK'S ADVANTAGES

- Consistent system solutions
- Comprehensive diagnostic options
- Vibration-proof products
- Excellent logistics for fast deliveries
- Specialists with industry knowledge



DNV·GL     

 IO-Link

EtherCAT 











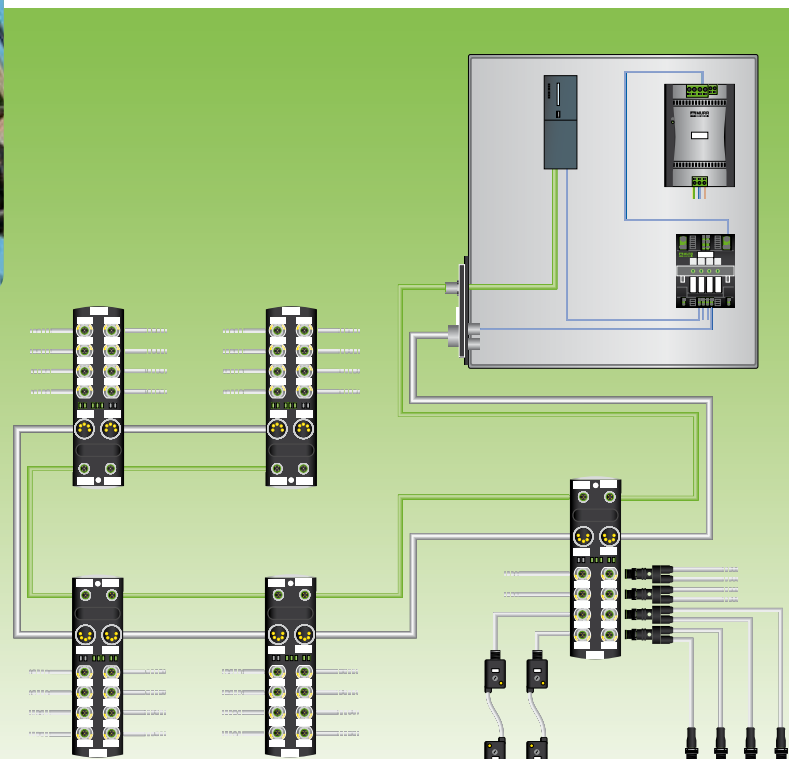
SHORE SIDE



Most of our product range can be used in shore side applications. Our active and passive distribution boxes have diagnostics down to the pin so you know exactly what is going on in the system. Our valve plugs feature silicon gaskets and our cordsets feature V4A nuts, both of which are resistant to sea water. Our decentralized field installation concepts ensure your system runs better, longer, even under harsh shore side conditions.

FEATURES

- Rugged
- Salt water resistant
- High IP protection
- Easy system expansion
- Universal system solution



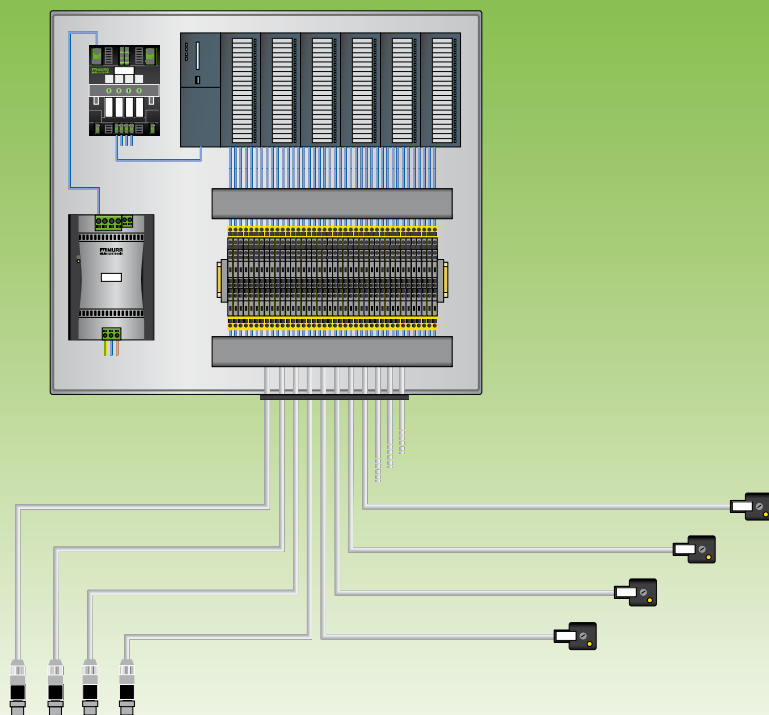
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ON BOARD

Protect your on board applications with our powerful control cabinet products which are all GL, DNV, UL and CE certified. Emparro provides the most efficient power supply which redundancy modules make sure your system continues to run even if one power supply fails. And MICO intelligently monitors your currents, featuring the best diagnostics. Murrelektronik's on board products are made to last, which means you don't have to worry about replacing them.

FEATURES

- Vibration-proof
- Protected against EMC
- Easy mounting & assembly
- Precise diagnostics
- Long life span



DNV·GL



THE OPTIMAL MARINE SYSTEM

MIRO GSM

Art. No.:	Description	Details
52530	MIRO GSM DI6 DO4R 24 V DC	IN: 12 ... 48 V DC
52531	MIRO GSM ADI6 DO4R 24 V DC	IN: 12 ... 48 V DC
52532	MIRO GSM DI6 DO4R 230 V DC	IN: 110 ... 240 V AC

Earth Fault Monitor

Art. No.:	Description
526109	IN: 30VDC / OUT: 230VAC/DC - 6A/12...230VAC max 6A

MVP Xtreme

Art. No.:	Description	Details*
8072-68410-4451000	Distribution box M12, 8-way, 4-pol. LED digital PNP signals 24 V DC	8x0.5+3x1.0, sw, UL/CSA, 10m
8072-68410-4451500	Distribution box M12, 8-way, 4-pol. LED digital PNP signals 24 V DC	8x0.5+3x1.0, sw, UL/CSA, 15m
8072-68410-4452000	Distribution box M12, 8-way, 4-pol. LED digital PNP signals 24 V DC	8x0.5+3x1.0, sw, UL/CSA, 20m
8072-68410-4452500	Distribution box M12, 8-way, 4-pol. LED digital PNP signals 24 V DC	8x0.5+3x1.0, sw, UL/CSA, 25m
8072-68410-4453000	Distribution box M12, 8-way, 4-pol. LED digital PNP signals 24 V DC	8x0.5+3x1.0, sw, UL/CSA, 30m
8072-68410-4450300	Distribution box M12, 8-way, 4-pol. LED digital PNP signals 24 V DC	8x0.5+3x1.0, sw, UL/CSA, 3m
8072-68410-4450500	Distribution box M12, 8-way, 4-pol. LED digital PNP signals 24 V DC	8x0.5+3x1.0, sw, UL/CSA, 5m
8072-68510-4561000	Distribution box M12, 8-way, 4-pol. LED digital PNP signals 24 V DC	16x0.5+3x1.0, sw, UL/CSA, 10m
8072-68510-4561500	Distribution box M12, 8-way, 4-pol. LED digital PNP signals 24 V DC	16x0.5+3x1.0, sw, UL/CSA, 15m
8072-68510-4562000	Distribution box M12, 8-way, 4-pol. LED digital PNP signals 24 V DC	16x0.5+3x1.0, sw, UL/CSA, 20m
8072-68510-4562500	Distribution box M12, 8-way, 4-pol. LED digital PNP signals 24 V DC	16x0.5+3x1.0, sw, UL/CSA, 25m
8072-68510-4563000	Distribution box M12, 8-way, 4-pol. LED digital PNP signals 24 V DC	16x0.5+3x1.0, sw, UL/CSA, 30m
8072-68510-4560300	Distribution box M12, 8-way, 4-pol. LED digital PNP signals 24 V DC	16x0.5+3x1.0, sw, UL/CSA, 3m
8072-68510-4560500	Distribution box M12, 8-way, 4-pol. LED digital PNP signals 24 V DC	16x0.5+3x1.0, sw, UL/CSA, 5m

* All MVP Xtreme are UV resistant and halogen-free

Impact67

Art. No.:	Description	Details*
55076	IMPACT67 C DI8 DO8/2 A	CANOpen
55072	IMPACT67 DN DI8 DO8/2 A	DeviceNet
55086	IMPACT67 E DI8 DO8/2 A	Ethernet
55082	IMPACT67 EC DI8 DO8/2 A	EtherCAT
55092	IMPACT67 PN DI8 DO8/2 A	ProfiNet
55346	IMPACT67 P DI8 DO8/2 A	Profibus

M12 Connectors

Art. No.:	Description	Details*
340589	M12 female 90°, with open ended wires V4A	PUR-OB 4x0,34, shielded, sw
341834	M12 female 0°t, with open ended wires V4A 24 V DC	PUR-OB 4x0,34, shielded, sw
7004-_____-_____	M12 V4A nut	

* All M12 UL/CSA+drag chain 15m

Valve Plugs

Art. No.:	Description
248265	Valve connector, V4A nut, silicon gasket, Form A
7074-18021-_____	MSUD Valve Plug form A 18 mm
7074-18081-_____	MSUD Xtreme Valve Plug form A 18 mm V4A
7074-18011-_____	MSUD Xtreme Valve Plug form A 18 mm V4A

Torque wrench

Art. No.:	Description
7000-99102-0000000	M12 (0.6 Nm, W13) calibrated torque 0.6 Nm, M12 connector molded (Standard)

THE OPTIMAL POWER SUPPLY SYSTEM – COMPLETELY GL APPROVED

Transformer

Power rating	Details
40...5000 VA	Over 200 versions available, 1~ snaps onto DIN rails or keyhole assembly

1~ Power Supplies

Art. No.:	Description	Details
85434	Emparro 10-100-240/12	12 VDC/10 A
85437	Emparro 2,5-100-240/48	48 VDC/2.5 A
85438	Emparro 5-100-240/48	48 VDC/5 A
85440	Emparro 5-100-240/24	24 VDC/5 A
85441	Emparro 10-100-240/24	24 VDC/10 A

3~ Power Supplies

Art. No.:	Description	Details
85000	Evolution 5-3x360-520/24	24 VDC/5 A
85001	Evolution 10-3x360-520/24	24 VDC/10 A
85002	Evolution 20-3x360-520/24	24 VDC/20 A
85004	Evolution 40-3x360-520/24	24 VDC/40 A

Redundancy Modules

Art. No.:	Description	Details
85495	MB Redundancy Basic	2x20 A
85496	MB Redundancy Balance	2x20 A, 50:50 Balancing

Electronic load circuit control – fixed nominal current –

Art. No.:	Description	Details
9000-41064-0200000	MICO Basic 4.2	4 channels 2A
9000-41064-0400000	MICO Basic 4.4	4 channels 4A
9000-41064-0600000	MICO Basic 4.6	4 channels 6A
9000-41068-0200000	MICO Basic 8.2	8 channels 2A
9000-41068-0400000	MICO Basic 8.4	8 channels 4A
9000-41068-0600000	MICO Basic 8.6	8 channels 6A

Electronic load circuit control – adjustable nominal current –

Art. No.:	Description	Details
9000-41034-0100400	MICO Classic 4.4	4 channels 1-2-3-4 A
9000-41034-0100600	MICO Classic 4.6	4 channels 1-2-4-6 A
9000-41034-0401000	MICO Classic4.10	4 channels 4-6-8-10 A



stay connected

➔ www.murrelektronik.com

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Our company embraces social responsibility in all aspects of our business activities. Our brochures are printed using environmentally friendly production techniques and products.

