



We give
impulses >>>



- dNTA42
- dNTA51
- dNTA81

POWER SUPPLY UNITS

FOR A COMPACT + RELIABLE
INTRINSICALLY SAFE POWER SUPPLY

THE POWER SUPPLY UNITS

OF TIEFENBACH CONTROL SYSTEMS...



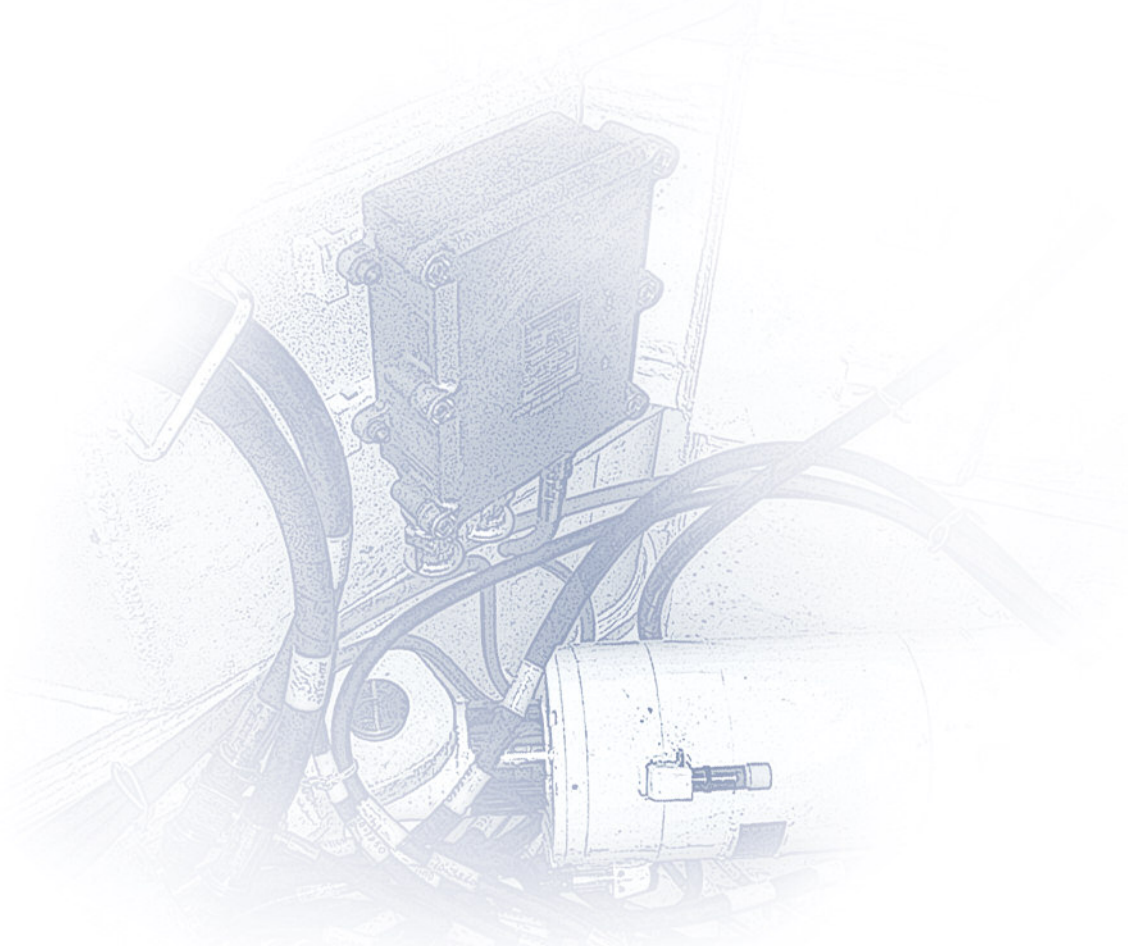
HAVE BEEN ESPECIALLY DEVELOPED FOR A COMPACT AND RELIABLE INTRINSICALLY SAFE POWER SUPPLY



- The rugged, maintenance-free dual and single power supply units designed for a harsh environment generate from a primary voltage of 24 VAC to 230 VAC at the short-circuit resistant voltage output an intrinsically safe output voltage of 12VDC with 0.6 A, 1 A, or 1.5 A depending on the module used.
- In order to permit a fast diagnosis in the event of a failure a test switch is optionally available which allows to cut off the supply power to downstream power supply units after an earth fault has occurred..
- Pressure-proof housings, corrosion-resistant connection parts and the cast-resin encapsulated voltage modules ensure adequate safety with respect to explosion protection.
- All power supply units are certified according to Directive 94/9/EC (ATEX).



TIEFENBACH CONTROL SYSTEMS OFFERS OPTIMUM SOLUTIONS FOR THE MOST VARIED APPLICATIONS OF INTRINSICALLY SAFE POWER SUPPLY





DUAL POWER SUPPLY UNIT

dNTA42

for primary voltages from 24 VAC to 230 VAC,
intrinsically safe output voltage 2×12 VDC

- Rugged pressure-proof housing, stainless steel for the safety-relevant closure elements
- Connection via plug-in socket
- Short-circuit-proof voltage output
- Light emitting diodes for the control of the output voltages
- Also available with integrated test switch
- Type of protection: IP44 acc. to EN 60529; EEx ia I intrinsically safe acc. to Directive 94/9/EC (ATEX)



POWER SUPPLY UNIT

dNTA51

for primary voltages from 24 VAC to 230 VAC,
intrinsically safe output voltage 12 VDC

- Rugged pressure-proof housing
- Connection via plug-in socket
- Short-circuit-proof voltage output
- Also available with integrated test switch
- Type of protection: IP 44 acc. to EN 60529; EEx ia I intrinsically safe acc. to Directive 94/9/EC (ATEX)



POWER SUPPLY UNIT

dNTA81

for primary voltages from 24 VAC to 230 VAC,
intrinsically safe output voltage 12 VDC

- Rugged pressure-proof housing
- Connection via plug-in socket
- Short-circuit-proof voltage output
- Also available with integrated test switch
- Type of protection: IP 65 acc. to EN 60529; EEx ia I intrinsically safe acc. to Directive 94/9/EC (ATEX)

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