

COMPACT, RICH-FEATURED, HOT SWAPPABLE, ALL-IN-ONE CONTROLLER

The Smartpack S covers all control and monitoring needs of small to medium telecom and industrial dc power systems. Status and configuration is fully available through the display locally, or through the Ethernet plug both remote or locally.

Designed for the Flatpack S system platform, the Smartpack S finds its way into many space restricted application. Used in the 1U high, 265mm deep power racks, Smartpack S offers comprehensive monitoring and control of a 2-3kW system occupying less than 6 liters.



SMARTPACK S CONTROLLER

FOR 12V_{DC}, 24V_{DC}, 48 V_{DC} & 60 V_{DC} SYSTEMS

Doc 242100.410.DS3 - v5

APPLICATIONS

TELECOM – MOBILE / WIRELESS

- RADIO BASE STATIONS/ CELL SITES
- LTE / 4G / WIMAX
- DISTRIBUTED ANTENNA SYSTEMS
- BROADBAND

TELECOM – FIXED

- FIBER OPTICS / FTTX
- MICROWAVE
- CABLE
- BROADBAND

OFFSHORE AND PROCESS INDUSTRY

• SAFETY AND AUTOMATION SYSTEMS (SAS)

RAILWAY INFRASTRUCTURE

- CONTROL & PROTECTION
- SIGNALING



1U 100A SYSTEM



KEY FEATURES

- GRAPHICAL 2.2" TFT HIGH CONTRAST, HIGH RESOLUTION COLOR DISPLAY FOR EASY NAVIGATION IN USER MENU
- ETHERNET FOR REMOTE OR LOCAL MONITORING AND CONTROL VIA WEB BROWSER
- AND GET ON ETHERNET. EMAIL OF TRAP ALARMS
- 6 PROGRAMMABLE RELAY OUTPUTS
- 6 PROGRAMMABLE MULTI-PURPOSE INPUTS ("DIGITAL INPUTS" OR ANALOG SIGNALS).
- COMPREHENSIVE LOGGING
- AUTOMATIC BATTERY MONITORING AND TEST
- BATTERY QUALITY INDICATION (BASED ON TEST RESULTS)

3U SYSTEM BULK OUTPUT

Phone: +47 32 20 32 00

SMARTPACK S CONTROLLER



FOR 12V_DC, 24V_DC, 48 V_DC & 60 V_DC SYSTEMS

TECHNICAL SPECIFICATIONS

| | TECHNICAL SPECIFICATIONS |
|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model | Smartpack S |
| Part number | 242100.410 |
| INPUT DATA | |
| Voltage (nominal) | 10 - 75 V _{DC} |
| Power Consumption, max - no relays energized max - all relays energized | 3,1W (display sleep) 5,5W (display on) |
| SYSTEM CONNECTIONS - SYSTEM MONITORS | |
| Voltage sense, system voltage support | $12 V_{DC}, 24V_{DC}, 48V_{DC} \& 60V_{DC}$ |
| Current sense, shunt support | 0 - 20mV and 0 - 60mV |
| Battery fuse monitoring | Auxiliary switch NO/NC, Pull up/down |
| Load fuse monitoring | Auxiliary switch NO/NC, Diode Matrix Pull up/down |
| Ground fault detection | Simple bridge circuit detection |
| | |
| SYSTEM CONNECTIONS - LVD CONTROL | A (latel ad an nam lately ad average at al) |
| Battery disconnect | 1 (latched or non-latched supported) |
| Load disconnect | 1 (latched or non-latched supported) |
| INPUTS AND OUTPUTS | |
| Digital configurations, Inputs #1-6 | Auxiliary switch: NO/NC |
| Analog configurations, Inputs #1-4 | Analog Voltage[±0 - 10V] ±4-20mA current measurement (through external 470k Ω resistor) Temperature (for NTC probe) |
| Analog configurations, Inputs #5-6 | Analog Voltage[0-75V] Symmetry measurement |
| Output configurations, Outputs #1-6 (alarms) | 6x Relay–Dry/Form C Configurable Normally Open/Closed [Max capacity 75V/2A/60W] |
| USER INTERFACE | |
| Local | 2.2" TFT 65k Colour display QVGA resolution 4 keys |
| Ethernet port | 10/100 BASE-T HP Auto MDI/MDI-X IP protocols: HTTP / SSL, SNMP v3, MODBUS TCP and pComm UDP (PowerSuite) |
| Serial port | RS-232 and RS-485 on RJ11 connector Serial protocols: MODBUS RTU, Modem Call-Back/SMS reporting (PSTN or GSM), COMLI, CSCP and pComm (PowerSuite) |
| GENERAL SPECIFICATIONS | |
| Dimensions (WxHxD) | 72.2 x 43.0 x 220.7mm (2.8 x 1.7 x 8.7") |
| Temperature Range | Operating -20 to +65°C (-40 to 149°F) |
| | |
| DESIGN STANDARDS | |
| Electrical safety | UL 60950-1-3 rd edition, EN 60950-1-3 rd edition |
| EMC | ETSI EN 300 386 V.1.4.1 EN 61000-6-1 / -2 / -3 / -4 FCC Part 15 Subpart 109 |
| Marine | DNVGL-CG-0339 ¹⁾ |
| Environment | ETSI EN 300 019: 2-1 (Class 1.2), 2-2 (Class 2.3) & 2-3 (Class 3.2) ROHS compliant |
| 1)Only valid for part number 242100.410M | |

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Authorised, valued-added distributor

Australia & New Zealand





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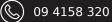
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