

DHCON DRC02

From field level up to the cloud?



Technical Details

Processor module

SODIMM-200 socket	Standard with DHCOM AM335x or DHCOM i.MX6 Solo or Dual
BSPs	Linux, Android, Windows CE

Interfaces

Ethernet	2x 10 / 100 Mbps
USB	2 x Host 2.0
Serial	1 x RS232 (Rx / Tx / Rts / Cts) isolated 1 x RS485 isolated
SD-Card	4-bit micro SD-card
CAN	1 x CAN (up to 1 MBaud) on IN-RAIL-BUS 1 x CAN (up to 1 MBaud) isolated

Additional (on request)

LON	2 x FT channel via internal expansion slot + LEDs for LON
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HMI

Display	OLED 1.3 inch (33.02 mm) 128 x 64 pixels Monochrome (White) 80 cd/m ² , 30.000 h MTBF
Buttons	5 capacitive touch buttons
LEDs	4 x Status LEDs

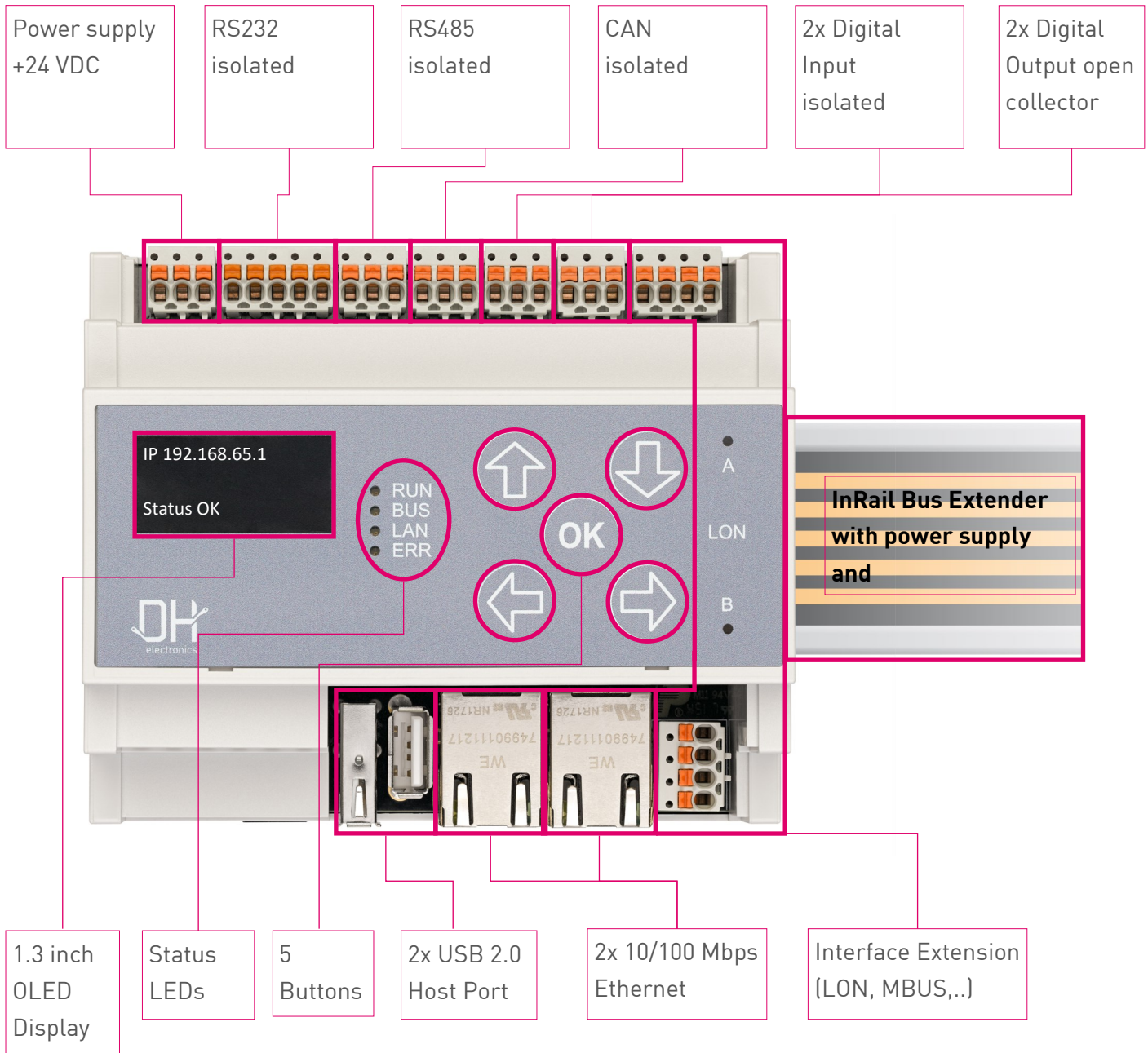
Digital IO

Inputs	2 x Opto Coupler isolated
Outputs	2x Open Collector

Physical

Power supply	24 VDC (±15%)
Battery for RTC	CR2032 (optional)
Cooling	Fanless
Temperature range	Operating: 0 up to +50 °C
Dimensions	107.8 width x 89.8 depth x 53 height [mm] IP30 protection category
Certification	EN 61131, EN 61000-6-2, EN 61000-6-3

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ORDERING INFORMATION - other configurations on request

DHCON DRC02 AM3352 without LON TP/FT-10

DHCON DRC02 AM3352 with LON TP/FT-10

DHCON DRC02 i.MX6 solo without LON TP/FT-10 (i.MX6 dual on request available)

DHCON DRC02 i.MX6 solo with LON TP/FT-10 (i.MX6 dual on request available)

DHCON DRC02 i.MX6UL(L) without LON TP/FT-10 (available in Q4/18)

DHCON DRC02 i.MX6UL(L) with LON TP/FT-10 (available in Q4/18)