

DIGITAL INPUT/OUTPUT MODULE DIOM24

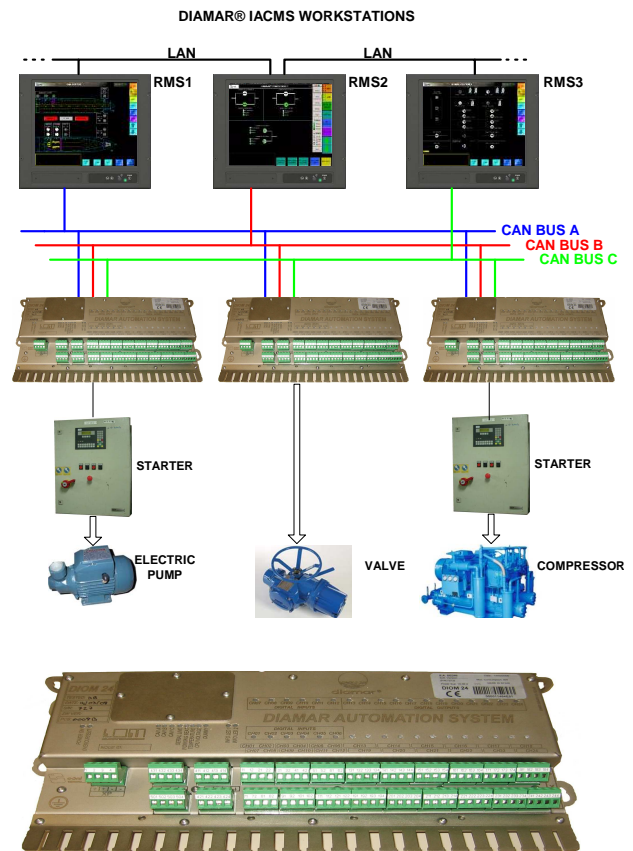
Description

The Digital Input/Output Module, DIOM24, is a local acquisition module, part of SEDNI's DIAMAR® Automation System.

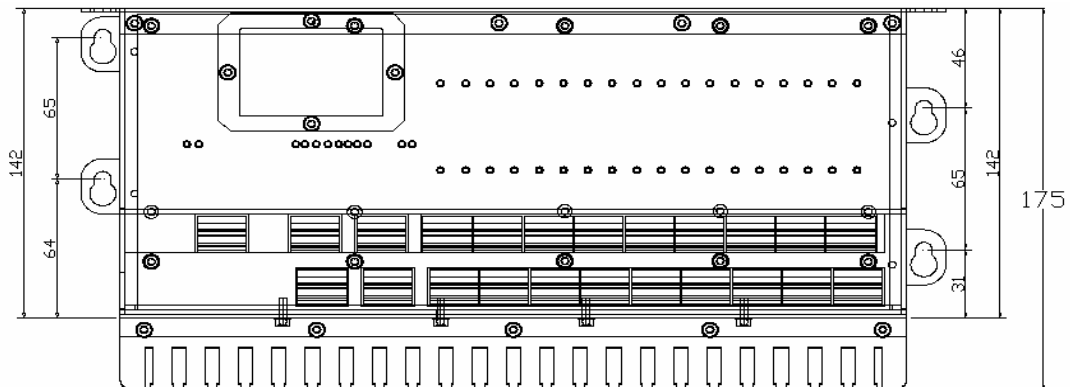
This module can handle digital inputs and outputs to control pumps, valves, compressors, etc.

Signals are processed internally and transferred through 3 CAN-BUS lines (tri-redundancy) to the Remote Stations where all monitoring and control functions are available for the operators.

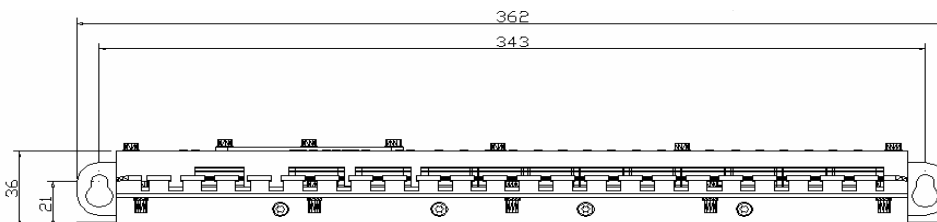
DIOM24 is prepared to work in the hardest environmental conditions, complying with the rules of the main Class Societies as: DNV, BV, GL, LR, ABS, RINA...



Top View
(Horizontal
mounting)



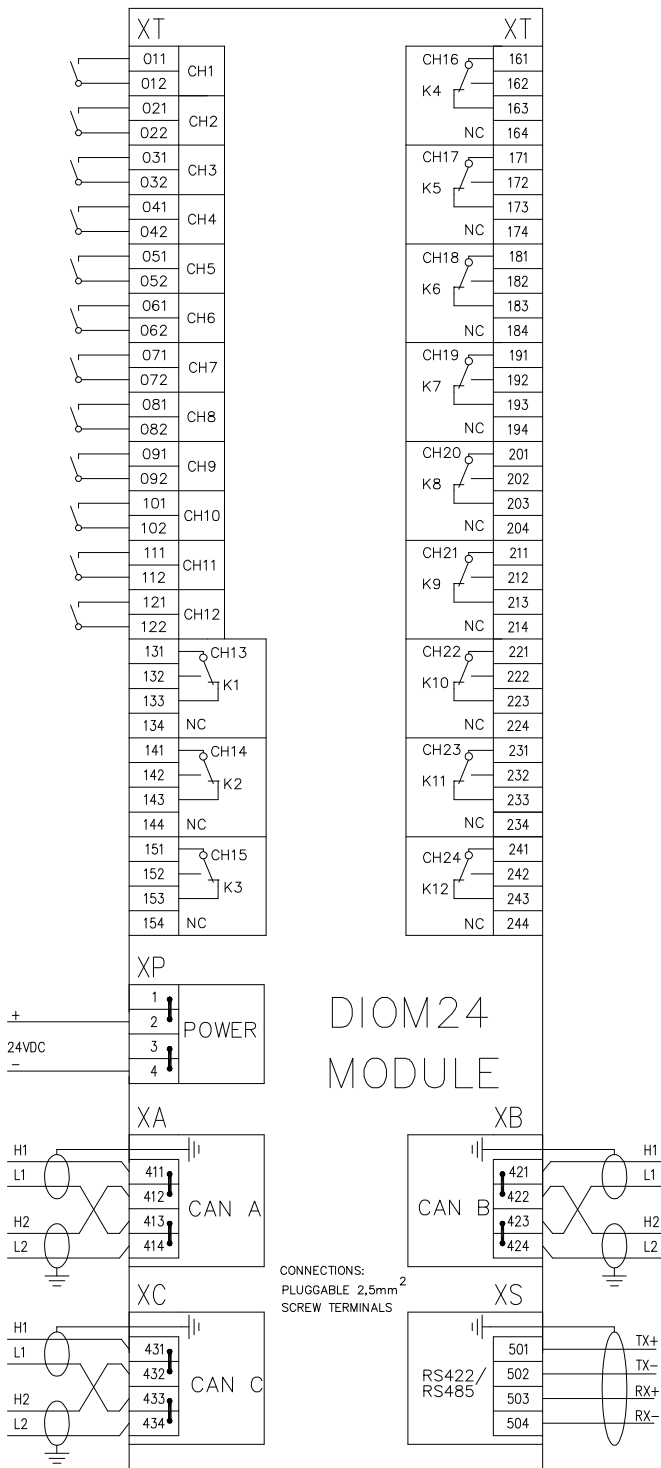
Front View
(Vertical
mounting)



\\Serverch\Auto\Catalogos\Datashheet DIAMAR\Datashheet en Ingles\CAT40110-003-M-(En)\Datashheet DIOM24 (04-03-2009)

Connection Drawing

Specification



- ✓ 12 digital input channels.
- ✓ 12 digital output channels (dry contact).
- ✓ Integrated sensor for temperature monitoring in PCB.
- ✓ Voltage monitoring in processor.
- ✓ Suitable for direct mounting in engine room units (in cabin or console). Possibility to be mounted on engines, etc... (4G).
- ✓ Prepared to be installed directly in the Main Switch Board and starters.
- ✓ Galvanic Isolation between power, process and inputs/outputs.
- ✓ LED status indication.
- ✓ Power supply: 18 – 36 VDC
- ✓ Max. Power consumption: 8 W
- ✓ Working temperature: -25°C/+70°C
- ✓ Storage temperature: -40°C/+80°C
- ✓ Relative Humidity: 95%
- ✓ 3 CAN BUS lines.
- ✓ 1 RS422/485 line.
- ✓ Vertical or horizontal mounting with screws.
- ✓ Size: 175 x 362 x 36 mm
- ✓ Weight: 1,05 Kg.

\\Serverch\Auto\Catalogos\Datasheet DIAMAR\Datasheet en Ingles\CAT40110-003-M-(En)\Datasheet DIOM24 (04-03-2009)