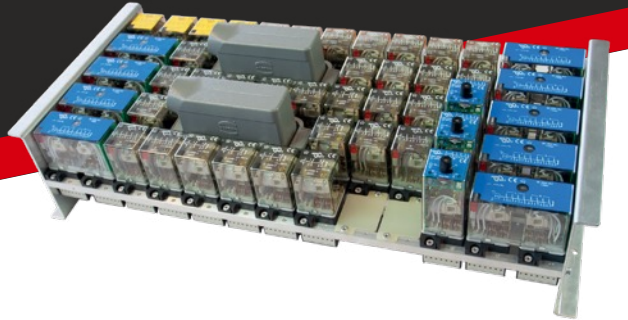




HIGH-DENSITY RELAY MODULE (HDRM)



Extremely compact and reliable relay module with a flexible design and fast delivery.

CUSTOMER BENEFITS:

- Extremely compact, space-saving design
- Line replaceable unit, efficient maintenance through integrated connectors
- Tried and tested, railway-proof
- Flexible commissioning (through easy wiring)
- Short delivery period, less down time



SOLUTIONS FOR EVERY APPLICATION

Short project lead time and last minute design changes call for flexible electrical circuit solutions.

Space and weight issues call for compact, lightweight solutions.

Maximizing rolling stock operational up time calls for large line replaceable units.

The answer all these challenges and more:
Wabtec's High Density Relay Module (HDRM).

- | | |
|--------------------------------|-------------------------|
| Relay / contactor panels | Platform edge detection |
| Electrical distribution boards | Brake fault detection |
| Relay door control | Light control |

COMPLIANT:

EN 50155	Electronic equipment used on rolling stock
EN 50264-1	Rolling stock power and control cables
IEC 60571	Electronic equipment used on railway vehicles
IEC 60077	Electrical equipment for rolling stock
IEC 60947	Low voltage switchgear and control gear
IEC 61373	Rolling stock equipment - shock and vibration
EN 50121	Electromagnetic compatibility for railway applications
IEC 60529	Protection class (IP class)
IEC 60068-2	Salt/mist, damp/heat
NF F16-101/102	Fire behavior - railway rolling stock
EN 45545-2	Fire protection on railway vehicles – category HL2

PRODUCT SPECIFICATIONS

Up to 168 C/O contacts, 1 mA - 10 A @110 VDC

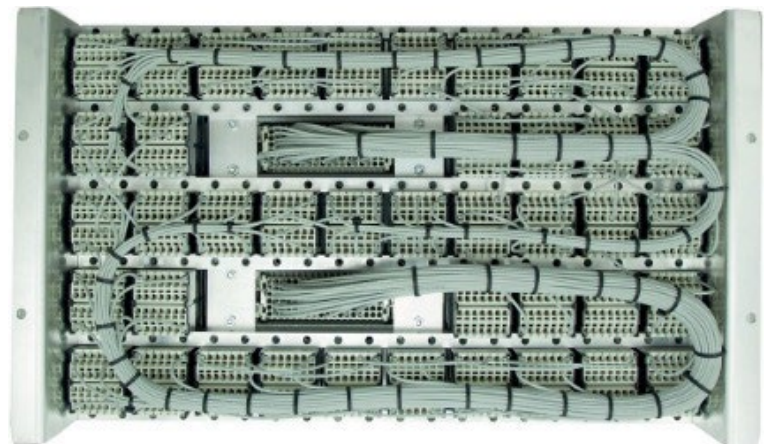
10 A continuous current on all circuits

Coil voltages range from 12 – 250 VDC

Wide choice of time delay options

Point-to-point wired connections

1000 VDC insulation test on all connections



CONTACT

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