6. YAV BOARDS AND MODULES

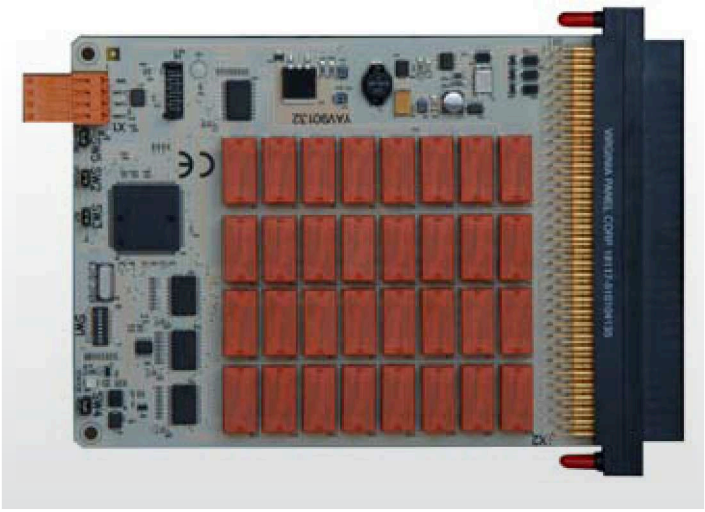
6.1.3 32 SPDT relays switching board YAV90132

Features

- Up to 2A per relay contact
- Tripaddle VPC receiver fixture
- Built in stabilized power supply
- Self module identifier

Applications

- Stimulus, load, by-pass, etc. switching



The **YAV90132** has 28 independent operating switching relays and 4 normally open relays with one common:

- 1x 28 relays with common contact (NO and NC)
- 1x 4 relays with normally open contact with one commo

A typical application is signal routing in automatic test systems, where it is imperative to ensure a real disconnection of one signal before the injection of another one.

The availability of the three contacts (Common, NO and NC) offer the configuration of different switching combinations, from tree type to matrix type switching, with total maximum current up to 5A.

The board is controlled by a for pole connector containing the 24Vdc input, to power the board and all relays. The same connector contains also the two Can bus lines to control the YAV90132.

The module features a logic address setting by means of a set of dip switches. A maximum of 64x YAV90132 boards are possible in one test system.

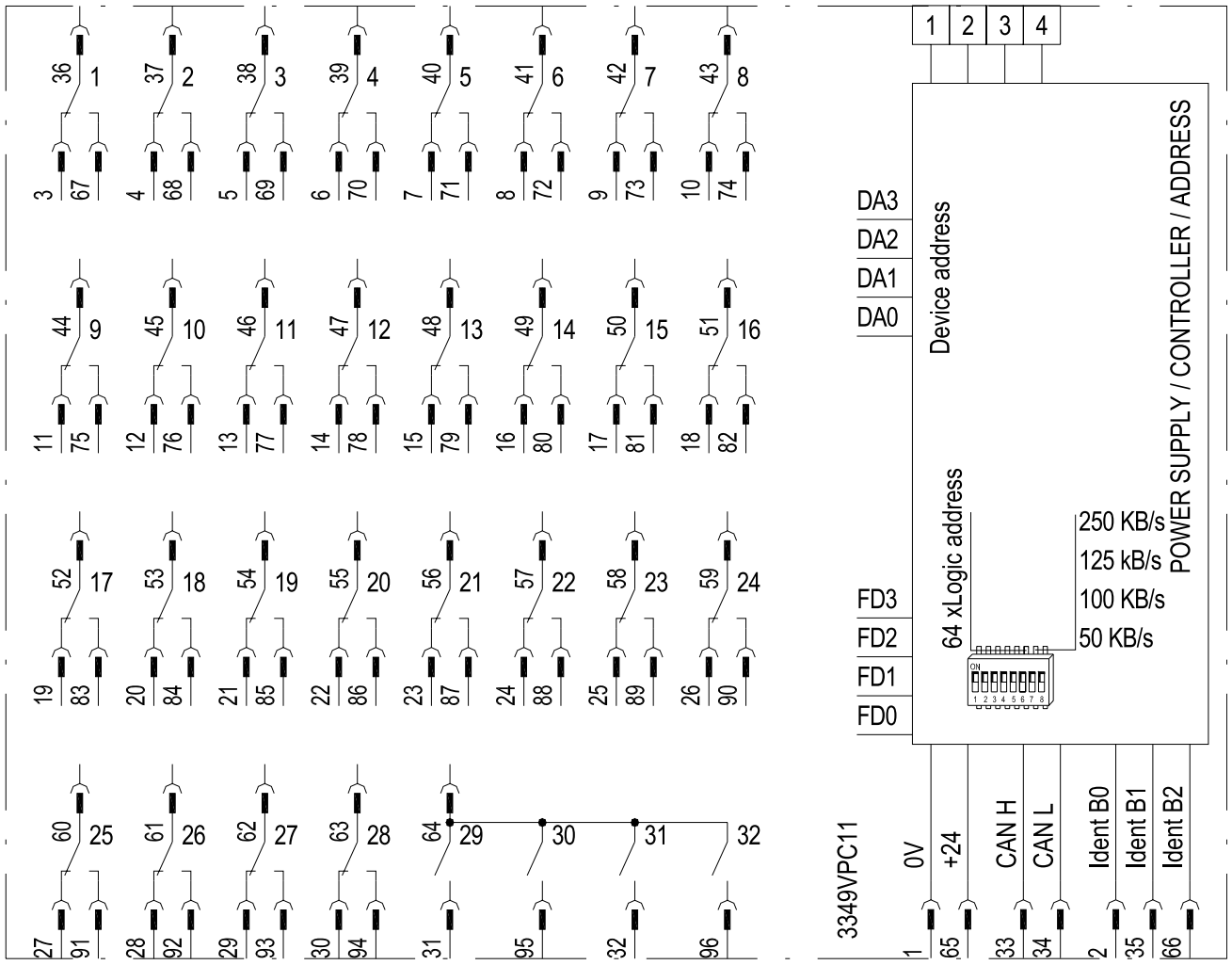
A virtual software panel, that can be used with National Instruments LabView® or TestStand®, is available to simply integrate the instrument into the test sequence.

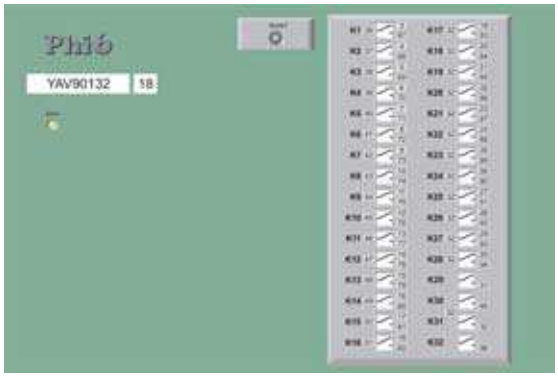
TECHNICAL DATA	
Rated current	2 A
Rated voltage	240 VAC
Mechanical endurance of relays	15x 106 cycles

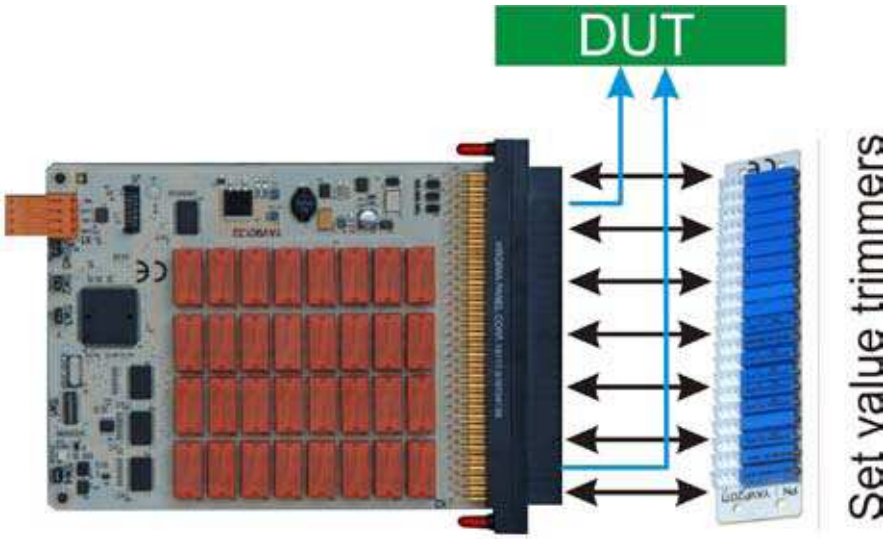
POWER SUPPLY	
Rated operation voltage	19…29 VDC
Max. current req. @ 24Vdc	390 mA

ORDERING INFORMATION	P/N
32 SPDT relays switching board YAV90132	YAV 90132

Drawings


1 2 3 4
DA3
DA2
DA1
DA0
Device address
64 xLogic address
250 KB/s
125 kB/s
100 KB/s
50 KB/s
POWER SUPPLY / CONTROLLER / ADDRESS
FD3
FD2
FD1
FD0
3349VPC11
0V
+24
CAN H
CAN L
Ident B0
Ident B1
Ident B2


Ph16
YAV90132


DUT
Set value trimmers