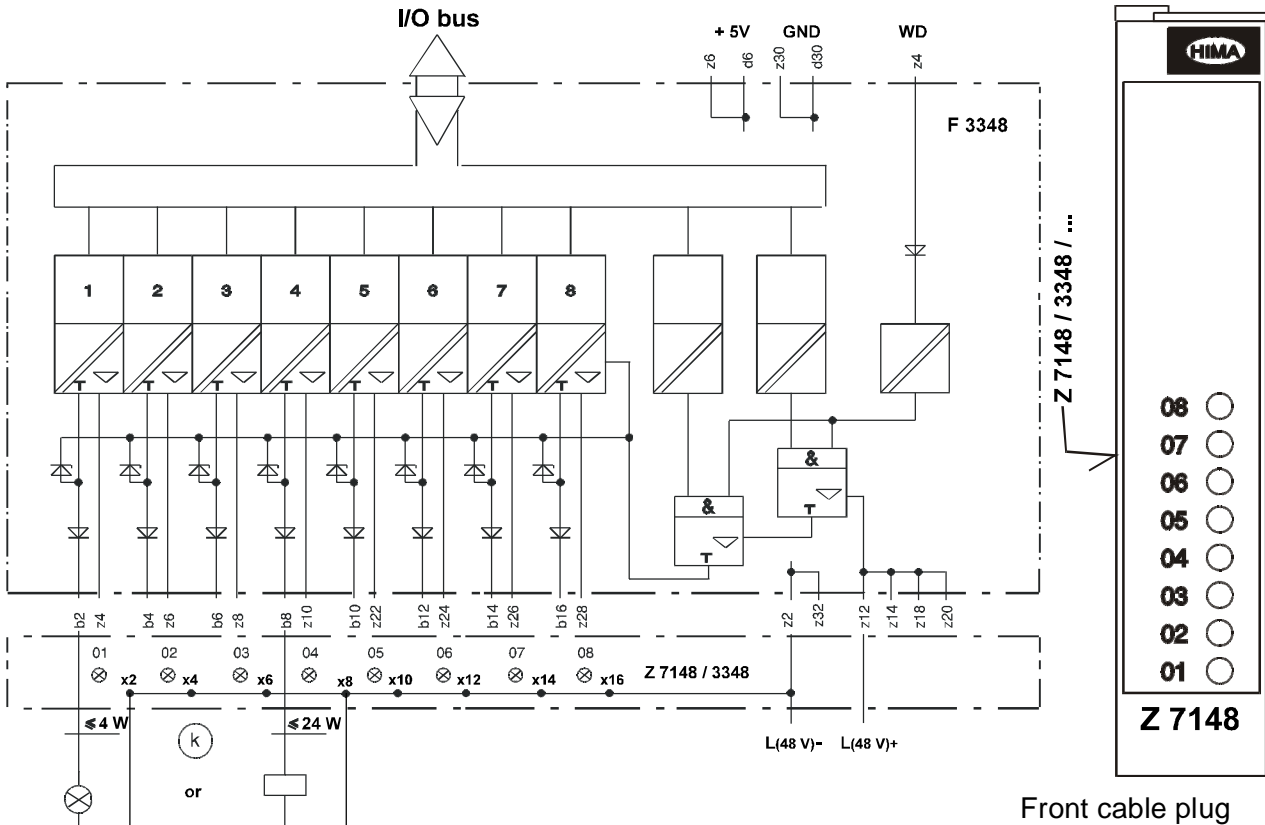




F 3348

F 3348: 8 fold output module, safety related

output voltage 48 V DC
 resistive load or inductive load up to 500 mA,
 lamp connection up to 4 W,
 with integrated safety shutdown, with safe isolation,
 requirement class AK 1 ... 6



Block diagram

The module is automatically tested during operation. The main test routines are:

- Reading back of the output signals. The operating point of the 0 signal read back is ≤ 6.5 V. Up to this value the level of the 0 signal may arise in case of a fault and this will not be detected
- Switching capability of test signal and cross-talking (walking-bit test).

Outputs	500 mA, (k) short circuit proof
Internal voltage drop	max. 2 V at 500 mA load
Admissible line resistance (in + out)	max. 11 Ohm
Operating point for short circuit current	0.6 ... 1.0 A
Output leakage current	max. 200 μ A
Output voltage if output is reset	max. 1.5 V
Duration of the test signal	max. 200 μ s
Space requirement	4 TE
Operating data	5 V DC: 100 mA
	48 V DC: 100 mA in add. load (supply over cable plug)

Channel	Connection	Colour
1	b2	br
	x2	ws
2	b4	ge
	x4	gn
3	b6	rs
	x6	gr
4	b8	rt
	x8	bl
5	b10	vio
	x10	sw
6	b12	ws-gn
	x12	ws-br
7	b14	ws-gr
	x14	ws-ge
8	b16	ws-bl
	x16	ws-rs
L _(48V) ⁻	z2	sw
L _(48V) ⁺	z12	rt

Cable
LiYY 16 x 0,5 mm²

Cable
LiYY 2 x 1,0 mm²

Lead marking of the cable plug
 Z 7148 / 3348 / C.. / P2
 2-pole connection