GEFRAN

R-SW5
5 PORTS SWITCH ETHERNET MODULE

Main features

- 5 RJ45 Ethernet ports
- Autosense
- Up-link port
- 10/100Mbps
- In Conformity with UL508
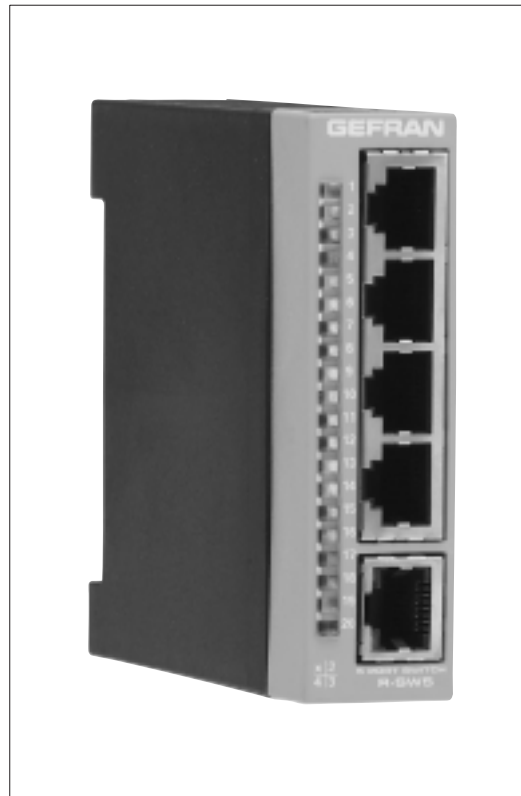
Main applications

- Tree connection of multiple GILOGIK II systems

PROFILE

R-SW5 is a switch module with 4+1 Fast Ethernet ports (100 Mbps) that lets you expand GDnet for tree-type connection of multiple GILOGIK II systems.
It installs on series R_BUS(x) backplanes, from which it receives power (signal LED).
It is equipped with "autosense" ports that automatically switch to the correct transmission speed and can manage both pin-to-pin and crossover cables.
Each communication port has an RJ45 connector and two signal LEDs (link and data) for correct diagnostics.

TECHNICAL DATA

Power supply
- via backplane 3.3V

Ethernet
- priority slots
- 10/100 baseTx connection
- Store & Forward
- Standard IEEE 802.3
- Autosense

Diagnostics
- POWER led: power on
- LINK led: network connected
- ACTIVITY led: data transfer

MECHANICAL DATA
Dimensions: 92x90x25,4mm
Weight: 150g.
Attachment: mechanically snaps onto R-BUS(x)
Protection level: IP20

AMBIENT CONDITIONS
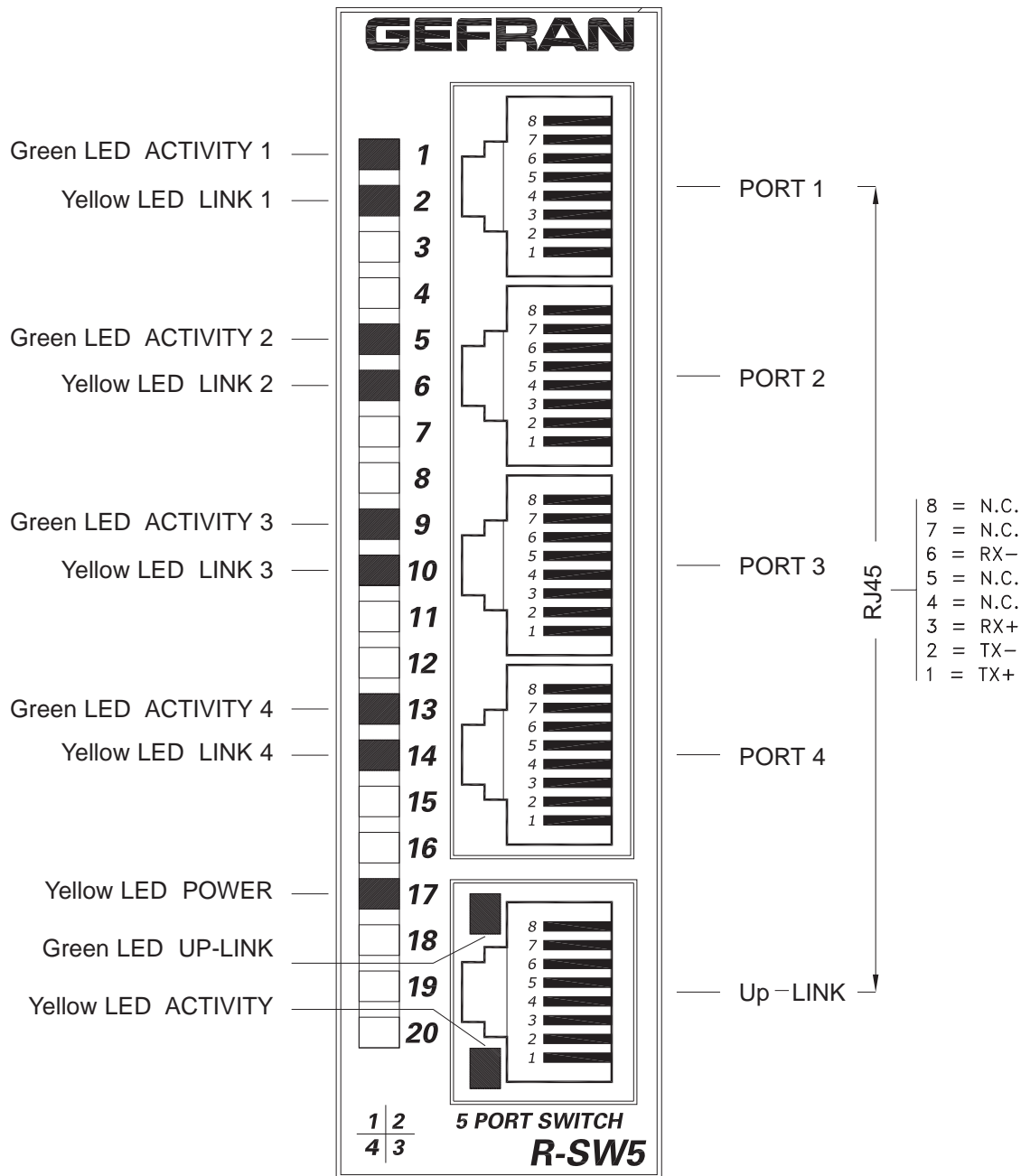**Working Temperature**: 0...50°C
Storage Temperature: -20...70°C
Humidity: max. 90% Rh not condensing

INSTALLATION AND CONNECTIONS

The module must be installed on R-BUS(x) in the first position on the left.
The module's front connections provide:
5 connections for Ethernet: standard with RJ45 8-wire connector, use standard category 6 cable subject to TIA/EIA-568A (see appendix B).

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Green LED ACTIVITY 1 — 1
Yellow LED LINK 1 — 2
3
4

8
7
6
5
4
3
2
1
PORT 1

Green LED ACTIVITY 2 — 5
Yellow LED LINK 2 — 6
7
8

8
7
6
5
4
3
2
1
PORT 2

Green LED ACTIVITY 3 — 9
Yellow LED LINK 3 — 10
11
12

8
7
6
5
4
3
2
1
PORT 3

8 = N.C.
7 = N.C.
6 = RX−
5 = N.C.
4 = N.C.
3 = RX+
2 = TX−
1 = TX+

RJ45

Green LED ACTIVITY 4 — 13
Yellow LED LINK 4 — 14
15
16

8
7
6
5
4
3
2
1
PORT 4

Yellow LED POWER — 17
Green LED UP-LINK — 18
Yellow LED ACTIVITY — 19
20

8
7
6
5
4
3
2
1
Up−LINK

1 | 2
4 | 3

5 PORT SWITCH
R-SW5

ORDER CODE

	MODULE CODE	**R-SW5**	F027062	Code

GEFRAN spa reserves the right to make aesthetic or functional changes at any time and without notice