GEFRAN

SW5-SA
SWITCH ETHERNET MODULE - DIN RAIL MOUNTING

Main applications

- *Tree connection of multiple nodes Ethernet*

Main features

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

PROFILE

SW5-SA is a switch module with 4+1 Fast Ethernet ports (10/100 Mbps). Installed to panel or on DIN rail with appropriate accessory.
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

- external 24Vdc ± 25% 0,5A
- extractible connector 2 poles

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.
Protection level: IP20
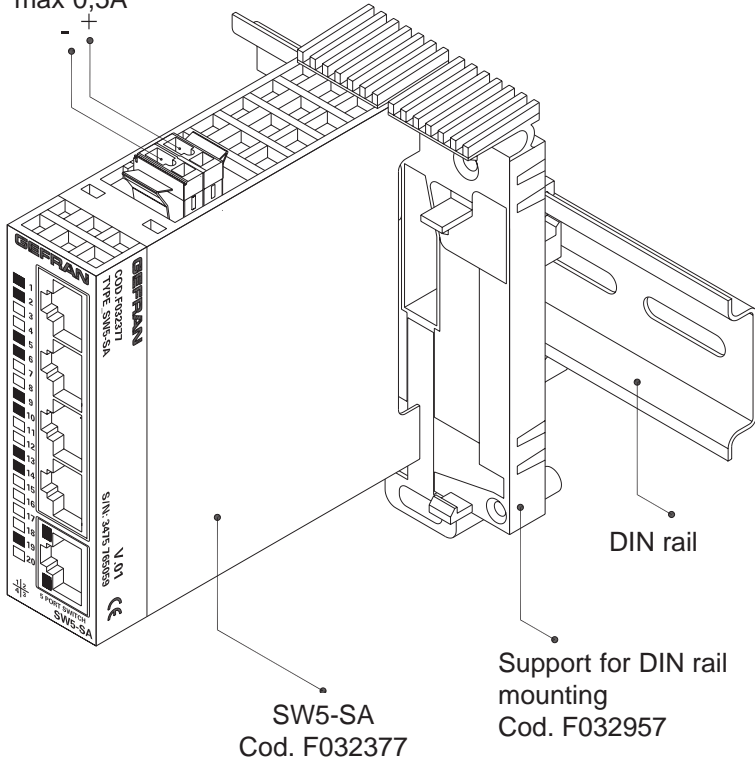
AMBIENT CONDITIONS

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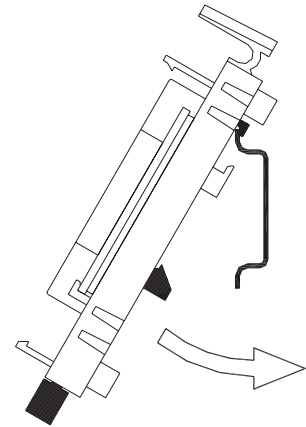**Storage Temperature**: -20...70°C
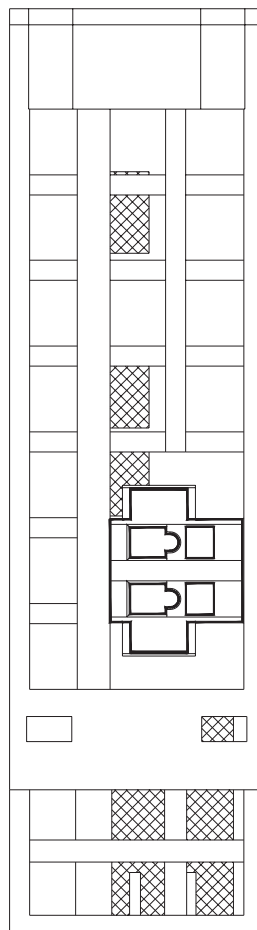**Humidity**: max. 90% Rh not condensing

External power supply
24Vdc ±25%
max 0,5A

DIN rail

Support for DIN rail
mounting
Cod. F032957

SW5-SA
Cod. F032377

Installation of support on
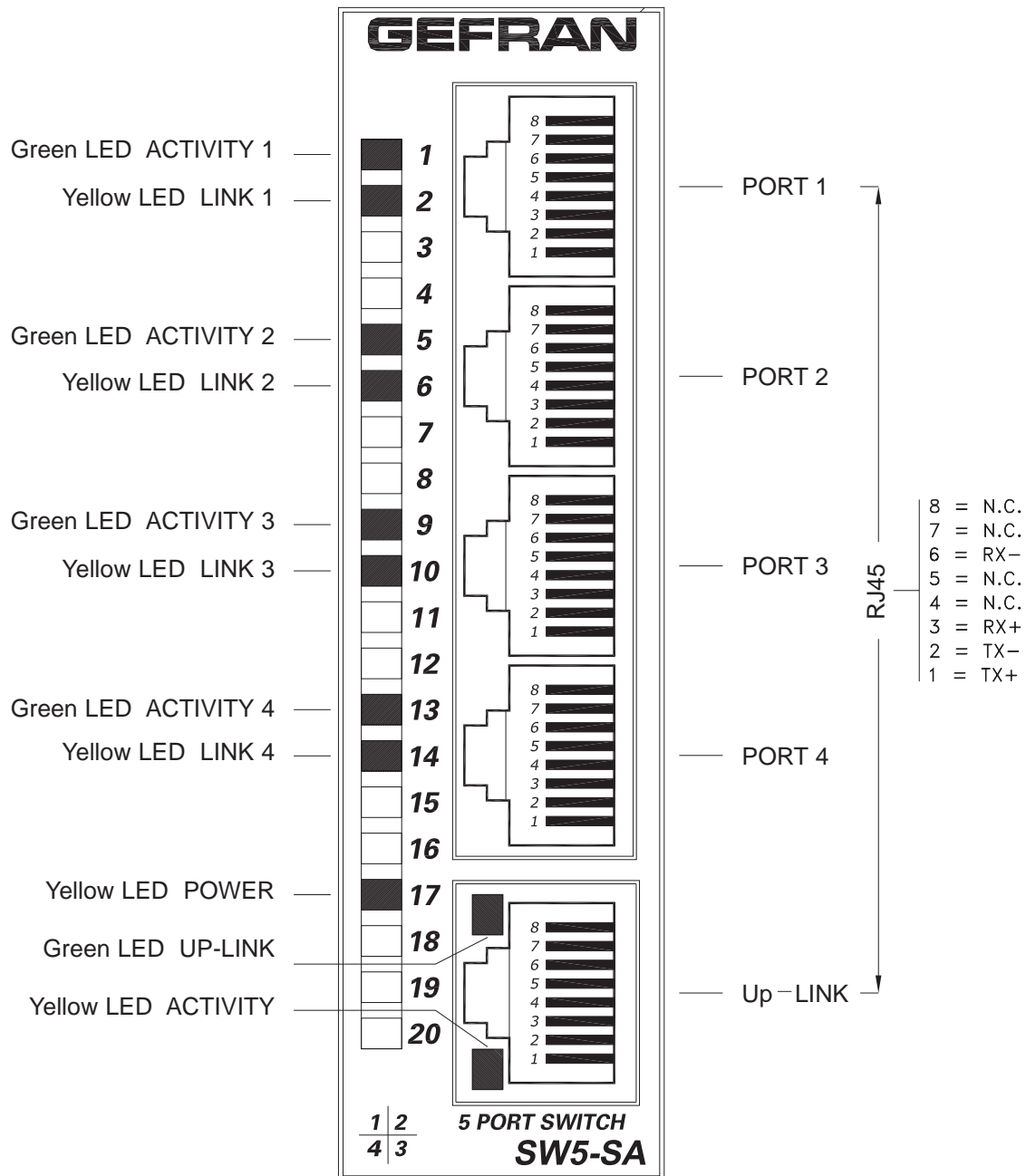35mm DIN rail

Installing and removing
module on the support
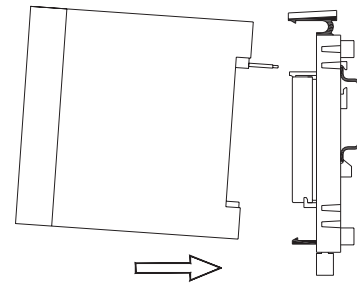
TOP VIEW

External power supply

— + 24Vdc
±25%
— − Max 0,5A

Front connections:
   5 Ethernet ports; RJ45 8-wire connector; use standard category 6 cable subject to TIA/EIA-568A (see appendix B).
Top connector 2 poles: external power supply 24Vdc ±25%.

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Green LED ACTIVITY 1	1	PORT 1
Yellow LED LINK 1	2	
	3	
	4	
Green LED ACTIVITY 2	5	PORT 2
Yellow LED LINK 2	6	
	7	
	8	
Green LED ACTIVITY 3	9	PORT 3
Yellow LED LINK 3	10	
	11	
	12	
Green LED ACTIVITY 4	13	PORT 4
Yellow LED LINK 4	14	
	15	
	16	
Yellow LED POWER	17	
Green LED UP-LINK	18	
Yellow LED ACTIVITY	19	Up–LINK
	20	

RJ45

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

1 | 2
4 | 3

5 PORT SWITCH

SW5-SA

ORDER CODE

Module code	**SW5-SA**	F032377	Code

Support code	**SVP-SW5-SA**	F032957	Code

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