

- > Supply for approx. 40 modules per segment
- > Usabel for high and low profile DIN rails (NS35/15 and NS35/7.5)
- > Just snap on DIN rail without tools
- > Elements can be appended at any time
- > Potential free error messaging contact for common error signal
- > Gold plated contacts for highest contact safety
- > Low cost supply via terminals
- > Supply module with integrated replaceable fuses and redundant supply available

A3

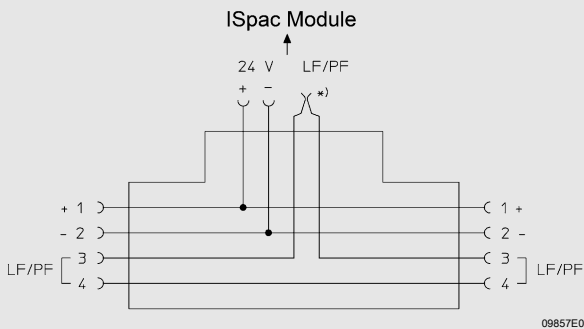


02710E00

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Simple and time saving wiring for power supply and common error messaging for groups of ISpac modules. Installation without tools on DIN rails NS35/15 or NS35/7.5



09857E00

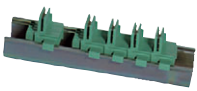
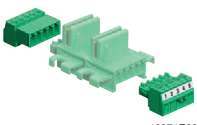
LF = Line fault
PF = Power supply failure

*) Contact self closing

| | | ATEX / IECEx | | | | | | | NEC 505 Class I | | | NEC 506 | | | | | NEC 500 | | | | | | | |
|-----------------|--|--------------|---|---|----|----|----|-----------------|--------------------|---|---|---------|----|----|----|-----------------|---------|---------|---|----------|---|-----------|--|---|
| | | 0 | 1 | 2 | 20 | 21 | 22 | Zone | | 0 | 1 | 2 | 20 | 21 | 22 | Division | | Class I | | Class II | | Class III | | |
| Installation in | | | | x | | | x | Installation in | | | | x | | | x | Installation in | | | x | | x | | | x |

WebCode 9194A

Selection Table

| Version | Picture | Description | Order number |
|-----------------------------|---|---|--------------|
| pac-Bus Series 9194 |  09885E00 | pac-Bus single element, raster distance 17.6mm | 9194/31-17 |
| Terminal set for pac-Bus |  10374E00 | 5-pole, (set begin + end) with bridge for error message chain | 9194/50-01 |

Explosion Protection

Global (IECEX)

| | |
|-----|---------------------------------------|
| Gas | IECEX BVS 10.0042X Ex nA IIC T4 Gc |
|-----|---------------------------------------|

Europe (ATEX)

| | |
|-----|--|
| Gas | BVS 03 E 213 X Ex II 3G Ex nA IIC T4 Gc |
|-----|--|

Certifications and certificates

| | |
|---------------|---|
| Certificates | IECEX, ATEX, Brazil (INMETRO), Canada (CSA), Kazakhstan (GOST K), Russia (GOST R), Serbia (SRPS), USA (FM), Belarus (operating license) |
| Ship approval | DNV |

Further parameters

| | |
|---------------------|---|
| Installation | in Zone 2, Div. 2 and in the safe area |
| Further information | see respective certificate and operating instructions |

Technical Data

Electrical data

| | |
|--------------------------|----------------------|
| Auxiliary power | |
| Number of contacts | 2 |
| Nominal voltage | 24 V DC |
| Max. voltage | 31.2 V |
| Max. current | 4 A |
| Max. through resistance | < 5 mΩ |
| Collective error message | |
| Number of contacts | 1 + 1 (self closing) |
| Nominal voltage U_N | 24 V DC |
| Max. voltage | 31.2 V |
| Max. current | 100 mA |
| Max. through resistance | < 5 mΩ |

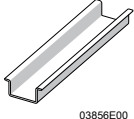

Ambient conditions

| | |
|---|---|
| Ambient temperature | -20 ... +70 °C pay attention of the I.S. isolators specification, see „Cabinet installation guide“ |
| Storage temperature | -40 ... +80 °C |
| Relative humidity (no condensation) | ≤ 95 % |
| Vibration (DIN EN 60 068-2-6) | |
| Frequency / amplitude / acceleration | 2 - 200 - 2 Hz / 10 mm / 4 g |
| Shock (DIN EN 60 068-2-7) | |
| Acceleration / pulse time | 25 g / 6 ms |
| Free fall (DIN EN 60 068-2-32) | |
| Height / number | 1 m / 50 |

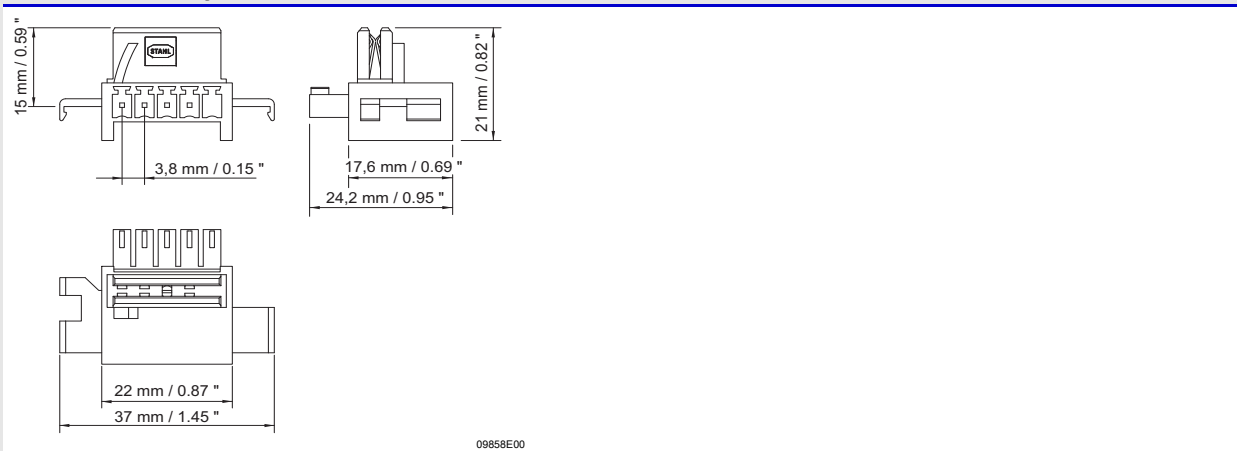
Mechanical data

| | |
|-------------------------|---|
| Connection | Screw terminals, 5-pole, maximum 1.5 mm ² or via supply module Series 9193 |
| Weight | approx. 4 g |
| Mounting type | on DIN rail (NS35/15, NS35/7.5) |
| Mounting orientation | horizontal or vertical |
| Degree of protection | IP20 |
| Enclosure material | PA 6.6 |
| Fire resistance (UL-94) | V0 |
| Contacts | Copper alloy; 0.5 μm gold-plated over 2 μm nickel |
| Withdrawal force | > 15 N (typical > 40 N) |
| Mating cycles | < 50 |

Accessories and Spare Parts

| Designation | Figure | Description | Order number |
|-------------|---|-------------------------------------|--------------|
| DIN rail |  | NS 35 / 15 (available by the metre) | 103714 |
| |  | NS 35 / 7.5 (meter length) | 103707 |

Dimensional Drawing (All Dimensions in mm / inches) - Subject to Alterations



We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.