

# DN2134

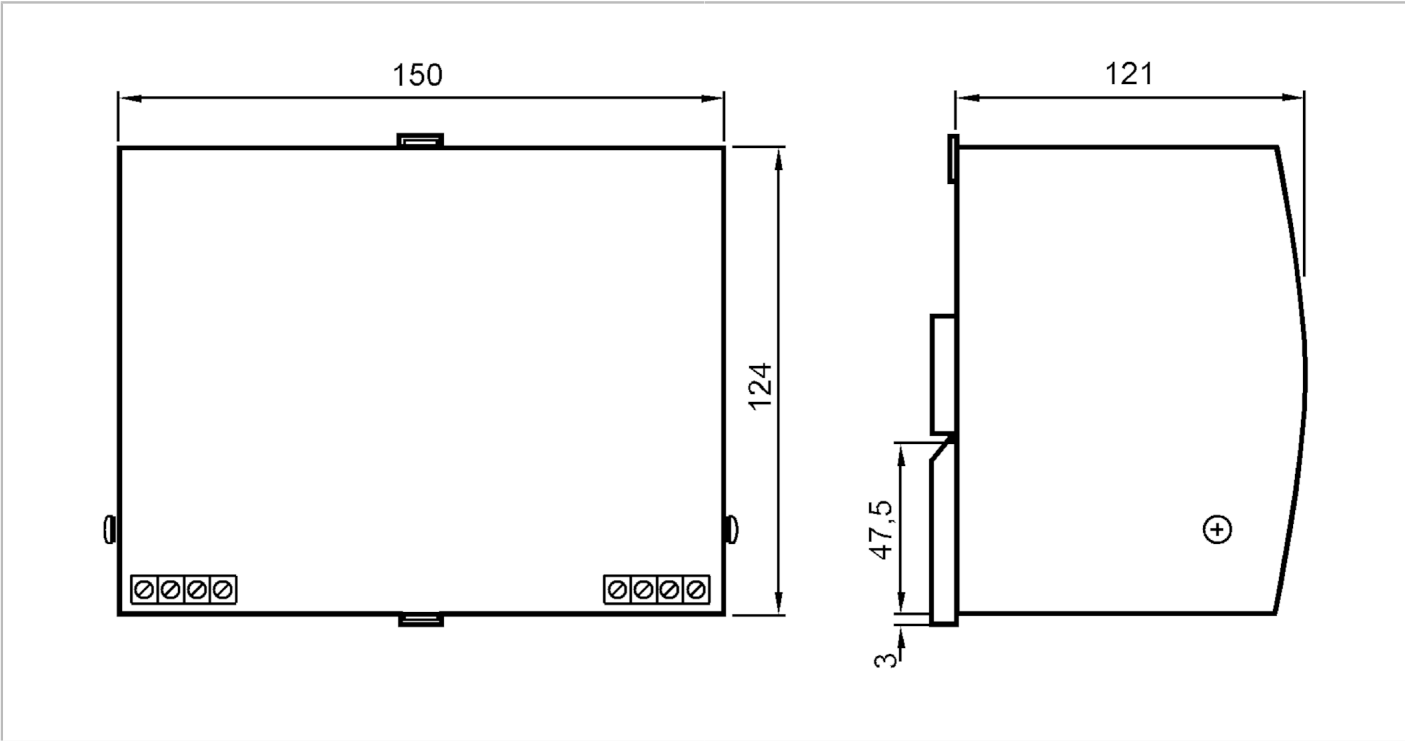


## Switched-mode power supply 24 V DC

POWER SUPPLY/24VDC/20A

phase-out article

Alternative articles: DN4034  
When selecting an alternative article and accessories please note that technical data may differ!



| Electrical data                            |       |                 |
|--------------------------------------------|-------|-----------------|
| Nominal voltage AC                         | [V]   | 400...500       |
| Nominal frequency AC                       | [Hz]  | 47...63         |
| Input voltage DC                           | [V]   | 450...820       |
| Input voltage range AC                     | [V]   | 340...576       |
| Output voltage DC                          | [V]   | 24...28         |
| Protection class                           |       | I; (IEC 61140)  |
| Max. power-on delay time                   | [ms]  | 80              |
| Power-on delay time                        | [s]   | < 80            |
| Output voltage                             | [V]   | adjustable      |
| Output voltage tolerance                   | [%]   | 2               |
| Max. output current at min. output voltage | [A]   | 20              |
| Number of output circuits                  |       | 1               |
| Max. residual ripple                       | [%]   | 0.1             |
| Derating                                   | [W/K] | 12 (60...70 °C) |
| Outputs                                    |       |                 |
| Short-circuit protection                   |       | yes             |
| Overload protection                        |       | yes             |



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| Operating conditions                                                                                                                                                                                                                   |                |                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------------|
| Ambient temperature                                                                                                                                                                                                                    | [°C]           | 0...70                  |
| Protection                                                                                                                                                                                                                             |                | IP 20                   |
| Tests / approvals                                                                                                                                                                                                                      |                |                         |
| EMC                                                                                                                                                                                                                                    | EN 50081-1     |                         |
|                                                                                                                                                                                                                                        | EN 61000-6-2   |                         |
|                                                                                                                                                                                                                                        | EN 61000-3-2   |                         |
| MTTF                                                                                                                                                                                                                                   | [years]        | 58                      |
| Mechanical data                                                                                                                                                                                                                        |                |                         |
| Weight                                                                                                                                                                                                                                 | [g]            | 1810.6                  |
| Type of mounting                                                                                                                                                                                                                       |                | rail; (TH35 (EN 60715)) |
| Materials                                                                                                                                                                                                                              |                | aluminium               |
| Displays / operating elements                                                                                                                                                                                                          |                |                         |
| Display                                                                                                                                                                                                                                | Output voltage | LED, green              |
|                                                                                                                                                                                                                                        | overload       | LED, red                |
|                                                                                                                                                                                                                                        | short circuit  | LED, red flashing       |
| Remarks                                                                                                                                                                                                                                |                |                         |
| Pack quantity                                                                                                                                                                                                                          |                | 1 pcs.                  |
| Electrical connection                                                                                                                                                                                                                  |                |                         |
| terminals: 1.5...6 mm <sup>2</sup>                                                                                                                                                                                                     |                |                         |
| Connection                                                                                                                                                                                                                             |                |                         |
| <div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;"> <p>①</p> <p>3 x 400...500 V AC</p> </div> <div style="text-align: center;"> <p>②</p> <p>24 V DC</p> </div> </div> |                |                         |