SU

SU NG

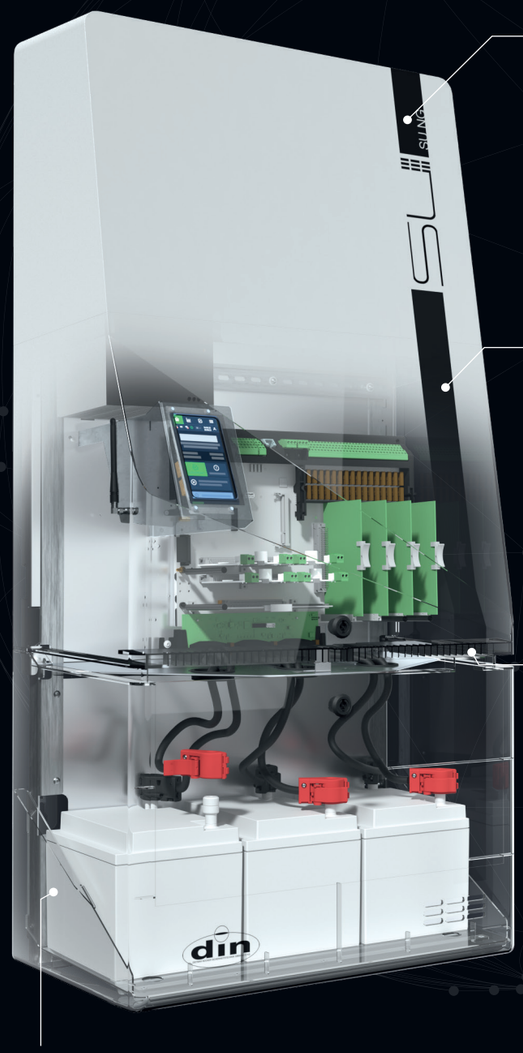
Emergency lighting redefined.

SU NG

Welcome to the era of digital emergency lighting.

Digital change is unstoppable and is forcing companies to continuously adapt in order to remain competitive in the future. At the same time, numerous opportunities are opening up: The use of innovative, digital technologies helps to automate processes and make them more efficient.

We are using our many years of experience in the development of emergency lighting systems to establish the digital transformation in the emergency lighting industry. With the SU NG, we are setting new scales in the field of compact supply units. Because emergency lighting has never been so efficient and digital, and your building has never been so optimally equipped for the future.



Functionality without compromise

For us, industrial design means: form follows function. That's why the SU NG is designed to maximise functionality and simplify processes. Convenient and flexible installation options, a sophisticated and error-avoiding safety concept, intuitive operation and well thought-out maintenance and service solutions of the SU NG make your everyday work safe and efficient.

Modularity for real visions

With project-specific configurations, expandable components and integrated interfaces, the SU NG adapts to your needs and is open to the world of tomorrow. Intelligent security bus components and the ability to realise innovative escape route scenarios guarantee the highest safety standards. At the same time, you can react flexibly to changing normative or structural requirements at any time.

Performance for your requirements

With the powerful PLC24 technology, you can now supply up to 320 luminaires - with an average energy saving of 50 % compared to conventional systems. Compatibility with the entire din-PLC24 portfolio also creates maximum flexibility for current and future requirements. In addition, each individual component increases the reliability of the SU NG in your building. For you, this means a 50,000 h / 5.7 year din full warranty without compromise.

Energy for every emergency

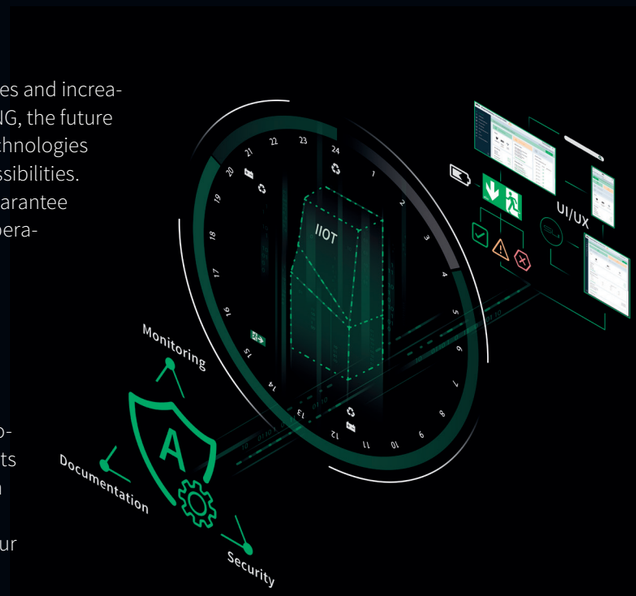
With the innovative Easy-Change system, you can connect safety power supply in seconds - conveniently, tool-free and reverse polarity protected. The battery monitoring system automatically tests and monitors individual battery blocks for you in accordance with EN 50171. As an option, the safe lithium-iron phosphate technology ensures that you are optimally supplied even at ambient temperatures of +10 °C to +35 °C. LiFePO4 batteries are also gas-free, which means that neither ventilation nor a VEXAT document is required.

Hard shell, software core.

Innovative software solutions ensure a unique overall concept.

Full IIoT compatibility

The Industrial Internet of Things (IIoT) optimises processes and increases efficiency through networking devices. With the SU NG, the future of emergency lighting is also digital. Integrated cloud technologies and the highest cyber security standards create new possibilities. Automatic security backups and over-the-air updates guarantee permanent security and with the flexible Linux-based operating system, you are also ideally equipped for the future.



Safe automation

Automated processes ensure a flawless emergency lighting function at all times and provide a completely new level of safety. SU NG automation also includes autonomous documentation of measurement data and events as well as remote maintenance and proactive protection of the system. You benefit from increased predictability, optimised life cycle costs and optimum availability of your emergency lighting system.

Intuitive Usability

With intuitive user interfaces and seamless connectivity, the SU NG enables a user experience that is customised to your needs. Thanks to intelligent networking and user-friendly software services, system configurations are made much easier and a new level of safety and efficiency is achieved.

Digital project support

With us, you are well looked after - from planning to maintenance. Digital processes help to plan, produce, commission and maintain your emergency lighting system as efficiently as possible. Smart solutions, such as digital planning documents, the digital log book and reliable remote maintenance, make emergency lighting a pleasant side issue for you.

50.000h

50,000 h / 5.7 years din full warranty

Full warranty means a carefree package of 50,000 h / 5.7 years on the entire system. The only thing you need is a din maintenance package tailored to your individual requirements - from operator-optimised maintenance to a complete din service.

din

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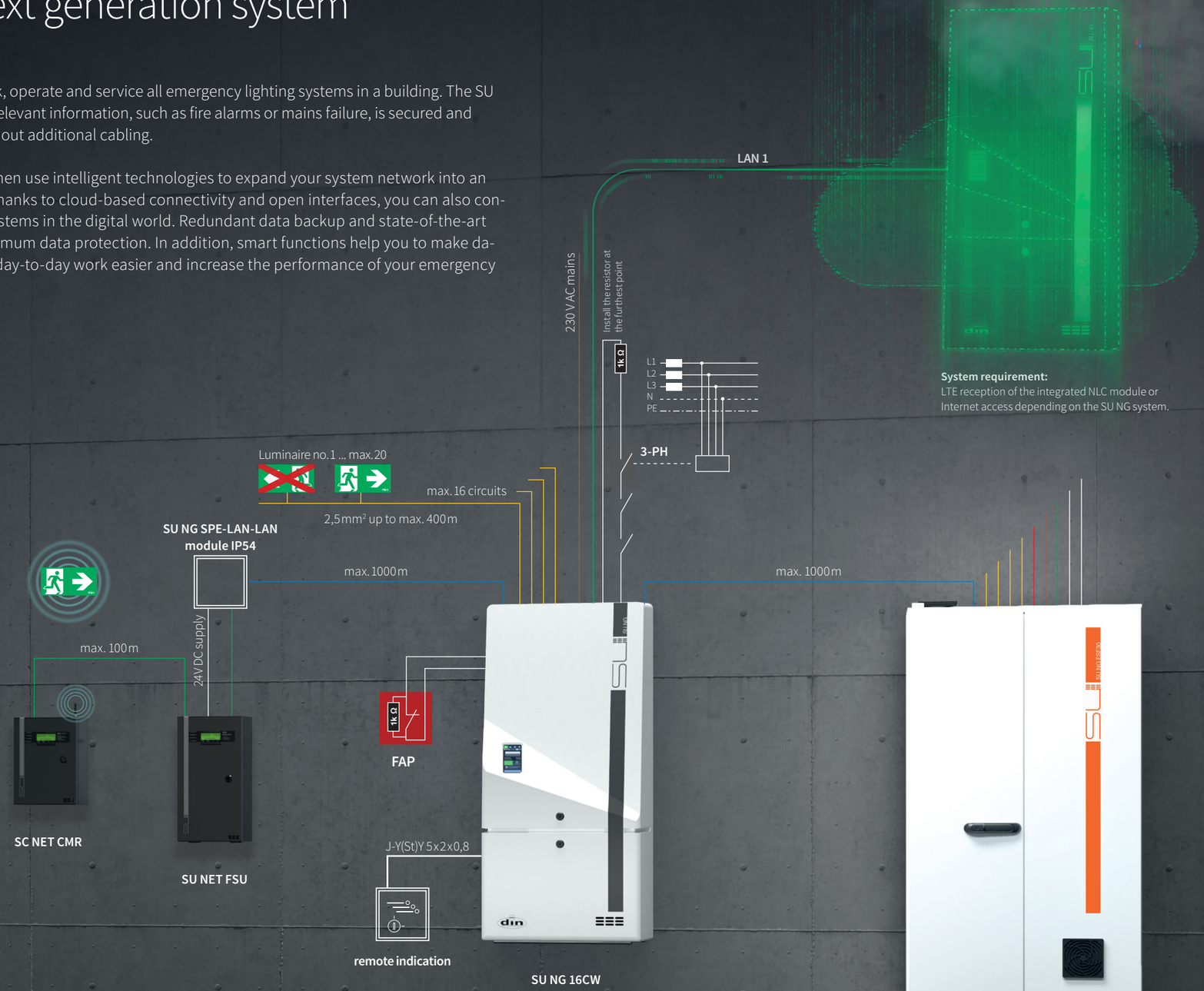
08/2024|4008070000|Technical details subject to change.

SU NG - the next generation system

Networked. Secure. Digital.

It has never been easier to network, operate and service all emergency lighting systems in a building. The SU NET function ensures that safety-relevant information, such as fire alarms or mains failure, is secured and forwarded to multiple devices without additional cabling.

Are you ready for the next step? Then use intelligent technologies to expand your system network into an IIoT emergency lighting system. Thanks to cloud-based connectivity and open interfaces, you can also control, network and monitor your systems in the digital world. Redundant data backup and state-of-the-art security mechanisms ensure maximum data protection. In addition, smart functions help you to make data-based decisions to make your day-to-day work easier and increase the performance of your emergency lighting systems.



System requirement:
LTE reception of the integrated NLC module or Internet access depending on the SU NG system.

SU NG 16CSF ESF30
Plinth optionally available

230 V AC mains, standard connection: up to 10 mm² solid wire, up to 6 mm² flexible wire
Mains fuse: Circuit breaker 20 A characteristic B or 16 A characteristic C

PLC24 circuits, standard connection: up to 2.5 mm², optional up to 16 mm²
Cable length: consumer-dependent (project-specific engineering required)
1.5 mm² up to max. 240 m | 2.5 mm² up to max. 400 m

System LAN (SPE), line topology (max. 1000 m cable length)
Cable type: J-Y(ST)Y 1x2x0,8 | J-Y(ST)Y EIB | KNX 2x2x0,8 | JE-H(ST)H E90 1x2x0,8 | CAT5e screened

LAN 1 (operator interface)
Cable type: min. CAT5e screened
(max. 100 m cable length)

mySU App

Inform. Document. React.

With the practical mySU app, you can keep an eye on your emergency lighting systems at all times and you have documented all events on your mobile phone. You are automatically informed of status changes and can react immediately.

SUweb

Programming. Visualise. Manage.

The SUweb web application makes everything more efficient. It optimises the programming and management of your emergency lighting systems. And with the location-independent visualisation, you can keep an eye on your entire system network from the comfort of your own workstation.

SUconnect

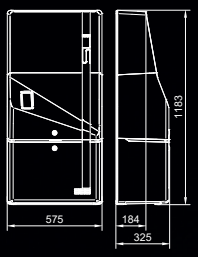
Scan. Connect. Optimise.

A secure connection to an emergency lighting system has never been so convenient. Using a temporary WLAN hotspot, you can connect your mobile phone to the SU NG in just a few seconds and optimise and configure your system during operation.

ESF30

Type-tested emergency lighting systems with increased functional integrity

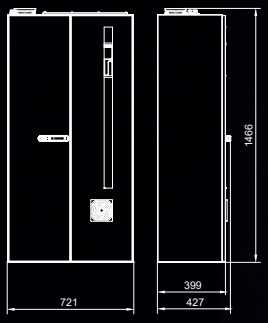
The SU NG ESF30 system, which consists of modular chambers, enables a controlled temperature increase of safety-relevant components in the event of a fire and guarantees the emergency lighting function for a period of at least 30 minutes. It represents a cost-effective and space-saving alternative to closed electrical operating centres.



SU NG 16CW

Art. Nr. 5300001001

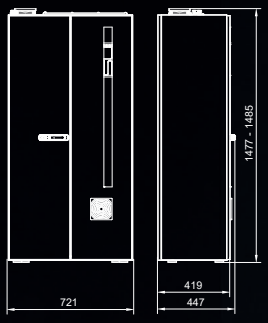
System design:	Wall cabinet system, Optional: free-standing cabinet system
Dimensions:	1183x575x325 mm (HxWxD)
weight:	- 33 kg without safety power supply - max. 109 kg with safety power source
Cable entry:	from top / from bottom / from rear
IP protection:	IP20
Ideal ambient temperature:	20 °C
max. relative humidity:	85 % without condensation
Insulation class:	⏚ Insulation class I

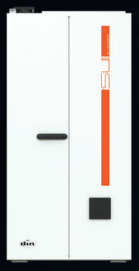


SU NG 16CW ESF30

Art. Nr. 5300001101

System design:	Wall-mounted enclosure system with 30-minute functional integrity for wall-mounted installation
Dimensions:	1466x721x427 mm (HxWxD)
weight:	- 184 kg without safety power supply - max. 261 kg with safety power source
Cable entry:	from top
IP protection:	IP20
Ideal ambient temperature:	20 °C
max. relative humidity:	85 % without condensation
Insulation class:	⏚ **Insulation class** I





SU NG 16CSF ESF30

Art. Nr. 5300001151

Systemausführung:	Compact enclosure system with 30-minute functional integrity for free-standing installation
Dimensions:	1485x721x447 mm (HxWxD)
weight:	- 208 kg without safety power supply - max. 285 kg with safety power source
Cable entry:	from top
IP protection:	IP20
Ideal ambient temperature:	20 °C
max. relative humidity:	85 % without condensation
Insulation class:	⏚ **Insulation class** I
Plinth:	optionally available, 500x721x423 mm (HxWxD)

The emergency lighting supply units are suitable for indoor installation and are not permitted in damp rooms, in environments with corrosive atmospheres or outdoor areas. Emergency lighting supply units with functional integrity ≥30 minutes must be mounted suspended on a solid wall or (free-standing) on a solid floor in accordance with the installation and operating instructions.