



Integrated
Arc Fault Protection



Efficient
Cooling System



Modularly
expandable

SCOMP3

Redefining the status quo for integrated arc fault protection

For many years now, the protection of people and systems has rightly become increasingly important. In the event of an internal arc fault, temperatures of up to 20,000°C are suddenly reached, which causes an immense increase in pressure in the cabinet system. This increase in pressure causes unprotected cabinet systems to literally explode. Especially in systems with increased power losses, there is a conflict between the best possible cooling effect and the highest safety standards.

Arc fault protection + efficient cooling

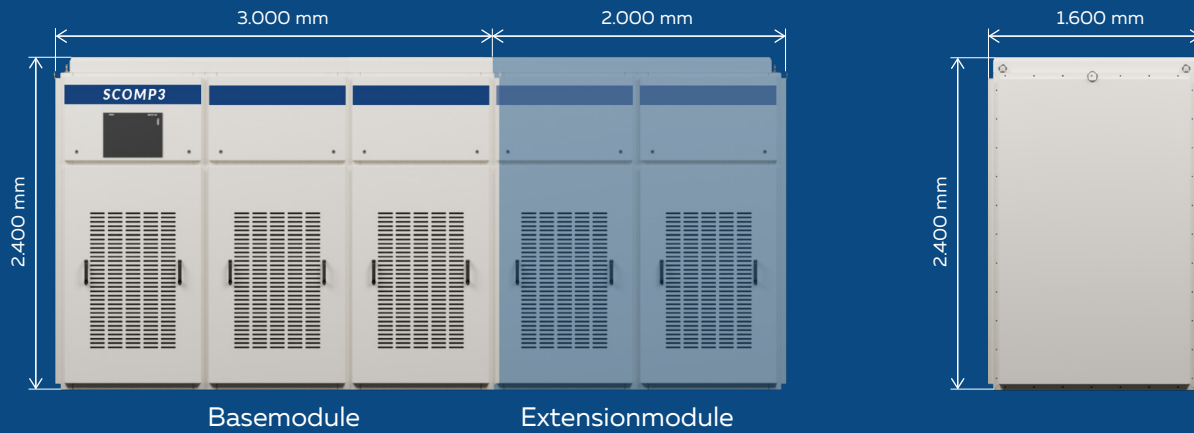
Through our intelligent passive protection concept based on sophisticated absorber technology, we enable the symbiosis of two worlds. During normal operation, a maximum convection cooling effect is achieved and in the event of a fault, the effects are drastically reduced. No deflector flaps, pressure relief channels or active protection systems are required.

SCOMP3 sets the new benchmark:
17,5 kV // 50 kA/1s



You can find more information at: www.condensator-dominit.de. We would be happy to advise you directly and find out the right configuration for your requirements. Please contact us at: +49 (0) 2961 782-0 or by e-mail to info@dominit.eu

Dimensions



Technical datasheet:

Operation voltage [Un]	1 - 17,5 kV
Grid frequency [fn]	50 / 60 Hz
Insulation level [BIL]	20 / 60 kV 28 / 75 kV
Step size [Qn]	≤ 2 MVar*
Max. no. of steps	6
Detuning factor [p]	7 %
Resonance frequency [fres]	189 / 227 Hz (others on request)
Arc fault protection [Ik]	50 kA / 1s (17,5 kV)
Pressure relief	absorbed + filtered into the room no pressure relief duct necessary
max. overpressure indoor [P]	150 mbar (at 50 kA)
Partition	stepwise
Set-up height	< 1000 m above sea level (others on request)
Environmental temperature	0 bis +30 °C
Cooling	2-step fan control
Control / Monitoring	DMC
Control voltage	230 VAC 220 VDC
Color	RAL 7035
Certified norms / standards	IEC 60871-1 IEC 60071 IEC 60282-1 VDE 101 IAC AFLR IEC 62271 200: 2021 05

*depending on voltage level and detuning factor

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