

system component
for battery systems

technical data

output voltage	150 V - 1000 V --- (battery system dependent)
max. output current	80 A
max. output power	80 kW
integrated precharging circuit	yes
precharging resistor	100 Ω
max. precharging energy	1000 J
precharging capacity (battery system dependent)	2 mF (1000 V ---) 16 mF (350 V ---)
auxiliary power supply	24 V ---
max. power auxiliary voltage	10 W
input voltage	self-supplied 150 - 1000 V --- externally supplied 24 V --- ($\pm 5\%$, SELV)
power consumption	30 W
overvoltage category	II
rated voltage	150 V - 1000 V ---
IP Code	IP20
protection class	2
installation site	indoors non-condensing pollution degree 2
ambient temperature	0 - 40 °C
storage temperature	-20 - 60 °C
max. operating altitude	2000 m above sea level
rel. humidity	< 80 % (temperature-dependent) non-condensing
communication interface	CAN-Bus Ethernet
connections	
power contacts (DC)	Han S + counterpart 50 mm ² finely stranded fine wire double insulation
ETH	RJ45
CAN	RJ45
EPO START/STOP	terminal block 1.5 mm ²
VIN VOUT	terminal block 1.5 mm ²
dimensions	
with mounting brackets	482,6 x 129 x 357 mm
without mounting brackets	434 x 129 x 357 mm
weight	ca. 6 kg

