

Tekniske data for xEnergy Basic

Standards	IEC/EN 61439-1/-2/-3, IEC 62208
Degree of protection	IP2XC (door opened, closed front covers) IP31 (at least with canopy) IP43 (BP-U-3S and BP-VF dedicated for outdoor use) IP55
Mechanical impact protection	IK08 (IP31 / IP43) IK10 (IP55)
Form of separation	up to Form 4b (in combination with Profi+)
Internal segregation	IP2XC
Rated insulation voltage [Ui]	440VAC
Rated voltage [Ue]	415VAC
Ambient air temperature	-5°C to +45°C
Place of installation	Indoor use severity A (except BP-U-3S and BP-VF)
Rated impulse withstand voltage [Uimp]	4kV
Overvoltage category	III
Pollution degree	3
Protection against electric shock	Protective earthing (protection class I)
Joule integral I ² dt for earthing connection	Type BPM-F / BPM-O
- Base frame M8 earthing bolt @ 1,25mm sheet metal	1,16x10 ⁷ A ² s
- Door M6 earthing bolt @ 1,25mm sheet metal	4,68x10 ⁶ A ² s
Rated current [Ie]	up to 630A for incoming MCCB and busbar-system
Rated frequency	50 Hz
Rated conditional short-circuit current [Icc]	25/50 kA depending on incoming circuit-breaker
Rated short-time withstand current [Icw]	depending on used busbar-system like SASY60i, SL630xx etc.
Net configuration	TN-C, TN-C-S, TN-S, TT, IT
Colour	RAL 7035 / RAL 9016
Material of enclosure	Standard sheet-metal (phosphatized and polyester powder-coated) Galvanized parts mainly for interior finish without powder-coating
Dimensions	height: 460 / 760 / 1060 / 1260 / 1560 / 1760 / 2060mm width: 350 / 400 / 600 / 800 / 850 / 1000 / 1100 / 1200 / 1350mm depth: 180 / 240 / 250 / 270 / 300 / 320 / 400mm