Insulation resistance (EN 61557-2)

Meas. ranges (MΩ):	R: 0.25 MΩ ÷ 199.9 MΩ, U_N=50 V⎓,100 V⎓, 250 V⎓ R: 0.15 MΩ ÷ 999 MΩ, U_N= 500 V⎓, 1 kV⎓ U: 0 V⎓ ÷ 1200 V⎓
Nominal voltages:	100 V⎓, 250 V⎓, 500 V⎓, 1 kV ⎓
Measuring current:	min.1 mA⎓ at R_N=U_N ×1 kΩ/V
Short-circuit current:	<3 mA⎓

Continuity

R Low Ω (EN 61557-4)

Meas. ranges (Ω):	R: 0.16 Ω ÷ 1999 Ω
Test current:	min. ±200 mA⎓ at 2 Ω
Open-circuit voltage:	6.5 V⎓ ÷ 9.0 V⎓

Continuity 7mA

Meas. ranges (Ω):	R: 0.0 Ω ÷ 1999 Ω
Test current:	max. 8.5 mA ⎓
Open-circuit voltage:	6.5 V⎓ ÷9.0 V⎓

Line impedance (EN 61557-3)

Meas. ranges (Ω):	$R_{L-N(L)}$: 0.25 Ω ÷ 19.9k Ω
I_{PSC}:	calculated value
Nominal voltage:	30 V ÷ 500 V / 15 Hz ÷ 500 Hz

Fault loop impedance (EN 61557-3)

Meas. ranges (Ω):	R_{L-PE}: 0.25 Ω ÷ 19999 Ω
I_{PFC}:	calculated value
Nominal voltage:	50 V ÷ 500 V/ 15 Hz ÷ 500 Hz

Voltage, frequency

U:	0V ÷ 550 V / f: 15 Hz ÷ 500 Hz

Phase rotation (EN 61557-7)

Nominal voltage:	100 V ÷ 550 V / 15 Hz ÷ 500 Hz
Results:	1.2.3 or 2.1.3

RCD (EN 61557-6)

Meas. range (IΔN):	10 mA, 30 mA, 100 mA, 300 mA, 500 mA, 1 A
Nominal voltage:	50 V ÷ 264 V/ 15 Hz ÷ 500 Hz

Contact voltage UC

UC:	20.0 V~ ÷ 31.0 V(62.0) V~
for UC_{lim}:	25 V (50 V)

Tripping time

non-delayed
(time-delayed) RCDs

×1: 0 ms ÷ 300 ms (500 ms)
×2 : 0 ms ÷ 150 ms (200 ms)
×5 : 0 ms ÷ 40 ms (150 ms), UC: 0.0 V ÷ 99.9 V

Tripping current

IΔ: 0.2 × IΔN ÷ 1.1 × IΔN AC (÷1.5 × IΔN A)
tΔ: 0 ms ÷ 300 ms, UC: 0.0 V~ ÷ 100.0 V~

Multiplier: ×0.5, ×1, ×2, ×5

Resistance to earth (EN 61557-5)

R:	0,67 Ω ÷ 9999 Ω
Open-circuit voltage:	< 45 V_{RMS}
Short-circuit current:	< 20 mA

REARTH

R: 0.0 Ω÷ 9999 Ω

REARTH

R: 0.0 Ω÷ 99 Ω

Illumination

E: 0.00lux÷19.99klux

TRMS current

I: 0.0mA÷19.99A