1. TECHNICAL SPECIFICATIONS

Accuracy is calculated as: ±[%reading + (no. of digits) * resolution] at 23°C, <80%RH

AC TRMS VOLTAGE

Range (V)	Resolution (V)	Accuracy
15 ÷ 460	1	±(3.0% rdg + 2dgt)

FREQUENCY

Range (Hz)	Resolution (Hz)	Accuracy
47.50 ÷ 52.50 / 57.00 ÷ 63.00	1	±(0.1% rdg + 1dgt)

CONTINUITY OF PROTECTION CONDUCTORS WITH 200mA

Range (Ω)	Resolution (Ω)	Accuracy
0.00 ÷ 9.99	0.01	±(5.0% rdg + 3dgt)
10.0 ÷ 99.9	0.1	
100 ÷ 1999	1	

Test current: >200mA DC up to 5Ω (test leads included)
Test current generated: 1mA resolution, range 0 ÷ 250mA
Open-circuit voltage: 4 < V_0 < 24VDC
Safety protection: error message for input voltage >10V

INSULATION RESISTANCE

DC test voltage (V)	Range (MΩ)	Resolution (MΩ)	Accuracy
50	0.01 ÷ 9.99	0.01	±(2.0% rdg + 2dgt)
	10.0 ÷ 49.9	0.1	
	50.0 ÷ 99.9		±(5.0% rdg + 2dgt)
100	0.01 ÷ 9.99	0.01	±(2.0% rdg + 2dgt)
	10.0 ÷ 99.9	0.1	
	100 ÷ 199	1	±(5.0% rdg + 2dgt)
250	0.01 ÷ 9.99	0.01	±(2.0% rdg + 2dgt)
	10.0 ÷ 99.9	0.1	
	100 ÷ 249	1	
	250 ÷ 499		±(5.0% rdg + 2dgt)
500	0.01 ÷ 9.99	0.01	±(2.0% rdg + 2dgt)
	10.0 ÷ 199.9	0.1	
	200 ÷ 499	1	
	500 ÷ 999		±(5.0% rdg + 2dgt)
1000	0.01 ÷ 9.99	0.01	±(2.0% rdg + 2dgt)
	10.0 ÷ 199.9	0.1	
	200 ÷ 999	1	
	1000 ÷ 1999		±(5.0% rdg + 2dgt)

Open-circuit voltage: rated test voltage -0% +10%
Rated measuring current: >1mA with 1kΩ x Vnom (50V, 100V, 250V, 1000V), >2.2mA with 230kΩ @ 500V
Short-circuit current: <6.0mA for each test voltage
Safety protection: error message for input voltage >30V

LINE/LOOP IMPEDANCE P-P, P-N, P-PE – TT/TN SYSTEMS

Range (Ω)	Resolution (Ω) (*)	Accuracy
0.01 ÷ 19.99	0.01	±(5.0% rdg + 3dgt)
20.0 ÷ 199.9	0.1	

(*) 0.1mΩ in range 0.1 ÷ 199.9 mΩ (by using the optional accessory IMP57)

Maximum test current: 3.31A (at 265V); 5.71A (at 457V)
P-N/P-P Test voltage: (100V ÷265V) / (100V÷460V); 50/60Hz ±5%
Protection types: MCB (B, C, D, K), Fuse (aM, gG, BS882-2,BS88-3, BS3036, BS1362)

TEST ON RCD PROTECTION (MOLDED-CASE TYPE)

Differential protection type (RCD): AC(∿),A/F(⩙),B/B+(⎓⁺), CCID (∿,⎓ - USA country),General (G), Selective (S)

Single -phase systems (L-N-PE)

Voltage range L-PE, L-N: 100V ÷265V RCD type AC, A/F, B/B+ and CCID (IΔN ≤100mA)
190V ÷265V RCD type B/B+ (IΔN = 300mA)

Voltage range N-PE: <10V

Split-phase systems (phase delay VL1-PE, VL2-PE = 180° or phase delay VL1-PE, VL2-PE = 120°)

Voltage range L1-PE, L1-L2: 100V ÷265V RCD type AC, A/F, B/B+ and CCID (IΔN ≤100mA)

Voltage range L2-PE: 0V÷265V RCD type AC, A/F
0V÷min[(VL1-PE-100V) and (VL1-L2-100V), RCD type B/B+ (IΔN ≤100mA)

Rated tripping currents (IΔN): 5mA, 6mA,10mA, 20mA, 30mA, 100mA, 300mA, 500mA, 650mA, 1000mA

Frequency: 50/60Hz ± 5%

RCD tripping current (for General RCDs only)

Type RCD	IΔN	Range IΔN (mA)	Resolution (mA)	Accuracy
CCID	5mA, 20mA	(0.2 ÷ 1.3) $I_{\Delta N}$	$0.1I_{\Delta N}$	- 0%, +10%$I_{\Delta N}$
AC, A/F, B/B+	6mA,10mA	(0.2 ÷ 1.1) $I_{\Delta N}$		
AC, A/F, B/B+	30mA ≤IΔN ≤300mA			- 0%, +5%$I_{\Delta N}$
AC, A/F	500mA ≤IΔN ≤650mA			

Measurement RCD tripping time – TT/TN systems

	x 1/2		x 1		x 5		AUTO			AUTO+	
\	G	S	G	S	G	S	G	S	G	S	G	S
5mA	AC A/F B/B+ CCID		999						310			
6mA	AC 999 A/F 999 B/B+ 999 CCID	999 999 999	999 999 999	999 999 999	50 50	150 150	✓ ✓	✓ ✓	310 310 310	✓ ✓		
10mA	AC 999 A/F 999 B/B+ 999 CCID	999 999 999	999 999 999	999 999 999	50 50	150 150	✓ ✓	✓ ✓	310 310 310	✓ ✓		
20mA	AC A/F B/B+ CCID		999						310			
30mA	AC 999 A/F 999 B/B+ 999 CCID	999 999 999	999 999 999	999 999 999	50 50	150 150	✓ ✓	✓ ✓	310 310 310	✓ ✓		
100mA	AC 999 A/F 999 B/B+ 999 CCID	999 999 999	999 999 999	999 999 999	50 50	150 150	✓ ✓	✓ ✓	310 310 310			
300mA	AC 999 A/F 999 B/B+ 999 CCID	999 999 999	999 999 999	999 999 999	50 50	150 150	✓ ✓	✓ ✓	310 310 310			
500mA 650mA	AC 999 A/F 999 B/B+ CCID	999 999	999 999	999 999	50	150	✓	✓	310 310			
1000mA	AC 999 A/F 999 B/B+ CCID	999 999	999 999									

Table with duration of tripping time measurement [ms] - Resolution: 1ms, Accuracy:±(2.0%reading + 2digits)

Measurement RCD tripping time – IT systems

	x 1/2			x 1		x 5		AUTO			AUTO+	
	\	G	S	G	S	G	S	G	S	G	S	G S
6mA	AC	999	999	999	999	50	150	✓	✓	310		✓
10mA	A/F	999	999	999	999	50	150	✓	✓	310		✓
30mA	B/B+	999	999	999	999					310		
100mA	AC	999	999	999	999	50	150	✓	✓	310		
300mA	A/F	999	999	999	999	50	150	✓	✓	310		
	B/B+	999	999	999	999					310		
500mA	AC	999	999	999	999	50	150	✓		310		
650mA	A/F	999	999	999	999			✓		310		
	B/B+											
1000mA	AC	999	999	999	999							
	A/F	999	999	999	999							
	B/B+											

Table with duration of tripping time measurement [ms] - Resolution: 1ms, Accuracy:±(2.0%reading + 2digits)

TEST ON RCD TYPE DD PROTECTION

Differential protection type (RCD): DD type (compliance with IEC62955 guideline), General (G)

Single -phase systems (L-N-PE)

Voltage range L-PE, L-N: 100V ÷265V

Voltage range N-PE: <10V

Split-phase systems (phase delay VL1-PE, VL2-PE = 180° or phase delay VL1-PE, VL2-PE = 120°)

Voltage range L1-PE, L1-L2: 100V ÷265V

Voltage range L2-PE: 0V÷min[(VL1-PE-100V) and (VL1-L2-100V)]

Rated tripping currents (I∆N): 6Ma

Frequency: 50/60Hz ± 5%

Tripping current – (RCD DD type General)

RCD type	I∆N	Range (mA)	Resolution (mA)	Accuracy
DD	6mA	(0.2 ÷ 1.1) $I_{\Delta N}$	≤ 0.1$I_{\Delta N}$	- 0%, +10%$I_{\Delta N}$

Tripping time – (RCD DD type General)

RCD type	I∆N	Range (ms)	Resolution (ms)	Accuracy
DD	6mA	10000	1	±(2.0% rdg + 2dgt)

FIRST FAULT CURRENT – IT SYSTEMS

Range (mA)	Resolution (mA)	Accuracy
0.1 ÷ 0.9	0.1	±(5.0% rdg + 1dgt)
1 ÷ 999	1	±(5.0% rdg + 3dgt)

Limit contact voltage (ULIM) : 25V, 50V

OVERALL EARTH RESISTANCE WITHOUT RCD TRIPPING

Voltage range P-PE, P-N: 100V ÷ 265V

Voltage range N-PE: <10V

Frequency: 50/60Hz ± 5%

Overall earth resistance in systems with Neutral (3-wire) – (30mA or higher RCD)

Range (Ω)	Resolution (Ω)	Accuracy
0.05 ÷ 9.99	0.01	± (5.0% rdg + 8dgt)
10.0 ÷ 199.9	0.1	

Overall earth resistance in systems with Neutral (3-wire) – (6mA and 10mA RCD)

Range (Ω)	Resolution (Ω)	Accuracy
0.05 ÷ 9.99	0.01	± (5.0% rdg + 30dgt)
10.0 ÷ 199.9	0.1	

Overall earth resistance in systems withot Neutral (2-wire) – (30mA or higher RCD)

Range (Ω)	Resolution (Ω)	Accuracy
0.05 ÷ 9.99	0.01	± (5.0% rdg + 8dgt)
10.0 ÷ 99.9	0.1	
100 ÷ 1999	1	

Overall earth resistance in systems withou Neutral (2-wire) – (6mA and 10mA RCD)

Range (Ω)	Resolution (Ω)	Accuracy
0.05 ÷ 9.99	0.01	± (5.0% rdg + 30dgt)
10.0 ÷ 99.9	0.1	
100 ÷ 1999	1	

Contact voltage

Range [V]	Resolution [V]	Accuracy
0 ÷ Ut LIM	0.1	-0%, +(5.0%rdg + 3V)

PHASE ROTATION WITH 1 TEST LEAD

Voltage range P-N, P-PE[V]	Frequency range
100 ÷ 265	50Hz/60Hz ± 5%

Measurement is only carried out by direct contact with metal live parts (**not on insulation sheath**)

VOLTAGE DROP ON LINES (ΔV%)

Range [%]	Resolution [%]	Accuracy
0.0 ÷ 100.0	0.1	±(10.0%rdg + 4dgt)

ENVIRONMENTAL PARAMETERS (AUX)

Parameters	Range	Resolution	Accuracy
°C (Air)	-20.0°C ÷ 60.0°C	0.1 °C	±(2.0%rdg+2dgt)
°F (Air)	-4.0°F ÷ 140.0°F	0.1 °F	
Relative humidity [%RH]	0.0% ÷ 100.0%RH	0.1%HR	
DC Voltage	-1999.9mV ÷ -1.0mV 1.0mV ÷ 1999.9mV	0.1mV	
illuminance [Lux]	0.01Lux ÷ 20.00 Lux	0.01Lux	
	1Lux ÷ 2kLux	1Lux	
	1.00kLux ÷ 20.00kLux	0.01kLux	

Values lower to ±1mVDC are zeroed; Values lower to 0.1mVAC are zeroed

DC CURRENT WITH TRANSDUCER CLAMP (In1 input – STD clamp)

Range [mV]	Resolution [mV]	Accuracy
-1999.9 ÷ -1.0	0.1	±(5.0%rdg + 2dgt)
1.0 ÷ 1999.9		

Values lower to ±1mVDC are zeroed

AC TRMS CURRENT WITH TRANSDUCER CLAMP (In1 input – STD clamp)

Range [mV]	Frequenza [Hz]	Resolution [mV]	Accuracy
1.0 ÷ 2999.9	50/60Hz ±5%	0.1	±(5.0%rdg + 2dgt)

Values lower to 1mVAC are zeroed ; Max crest factor: 3

DC/AC TRMS CURRENT WITH TRANSDUCER CLAMP (In1 input – STD clamp)

FS clamp / Output ratio	Measurement range	Resolution
1A/1V AC	0.1mA ÷ 999.9mA AC	0.1mA AC
5A/1V AC	0.001A ÷ 4.999A AC	0.001A AC
10A/1V AC/DC	0.001A ÷ 9.999A AC/DC	0.001A AC/DC
30A/3V AC	0.01A ÷ 29.99A AC	0.01A AC
40A/400mV AC/DC	0.01A ÷ 39.99A AC/DC	0.01A AC/DC
100A/1V AC/DC	0.01A ÷ 99.99A AC/DC	0.01A AC/DC
200A/1V AC	0.01A ÷ 199.99A AC	0.01A AC
300A/3V AC	0.01A ÷ 299.99A AC	0.01A AC
400A/400mV AC/DC	0.1A ÷ 399.9A AC/DC	0.1A AC/DC
1000A/1V AC/DC	0.1A ÷ 999.9A AC/DC	0.1A AC/DC
2000A/1V AC	0.1A ÷ 1999.9A AC	0.1A AC
3000A/3V AC	0.1A ÷ 2999.9A AC	0.1A AC

MEASUREMENT OF NETWORK PARAMETERS AND HARMONICS (PQA)

DC Voltage

Range [V]	Resolution [V]	Accuracy
15.0 ÷ 265.0	0.1V	±(1.0%rdg + 1dgt)

Values lower 15V are zeroed

AC TRMS Voltage

Range [V]	Resolution [V]	Accuracy
15.0 ÷ 459.9	0.1V	±(1.0%rdg + 1dgt)

Values lower 15V are zeroed; Max crest factor: 1.5

Frequency

Range [Hz]	Resolution [Hz]	Accuracy
47.5 ÷ 63.0	0.01	±(2.0%rdg + 2dgt)

Allowed voltage range: 5.0 ÷ 459.9V ; Allowed current range: ≥5mVAC

DC Current with transducer clamp (in1 input – std clamp)

Range [mV]	Resolution [mV]	Accuracy
-1999.9 ÷ -1.0	0.1	±(5.0%rdg + 2 dgt)
1.0 ÷ 1999.9		

Values lower to ±1mVDC are zeroed

AC TRMS Current with transducer clamp (in1 input – std clamp)

Range [mV]	Frequency [Hz]	Resolution [mV]	Accuracy
1.0 ÷ 2999.9	50/60Hz ±5%	0.1	±(5.0%rdg + 2dgt)

Values lower to 1mVAC are zeroed ; Max crest factor: 3

DC/AC TRMS current with transducer clamp (In1 input – STD clamp)

FS clamp / Output ratio	Measurement range	Resolution
1A/1V AC	0.1mA ÷ 999.9mA AC	0.1mA AC
5A/1V AC	0.001A ÷ 4.999A AC	0.001A AC
10A/1V AC/DC	0.001A ÷ 9.999A AC/DC	0.001A AC/DC
30A/3V AC	0.01A ÷ 29.99A AC	0.01A AC
40A/400mV AC/DC	0.01A ÷ 39.99A AC/DC	0.01A AC/DC
100A/1V AC/DC	0.01A ÷ 99.99A AC/DC	0.01A AC/DC
200A/1V AC	0.01A ÷ 199.99A AC	0.01A AC
300A/3V AC	0.01A ÷ 299.99A AC	0.01A AC
400A/400mV AC/DC	0.1A ÷ 399.9A AC/DC	0.1A AC/DC
1000A/1V AC/DC	0.1A ÷ 999.9A AC/DC	0.1A AC/DC
2000A/1V AC	0.1A ÷ 1999.9A AC	0.1A AC
3000A/3V AC	0.1A ÷ 2999.9A AC	0.1A AC

DC Power

FS clamp	Range [kW]	Resolution [kW]	Accuracy
≤ 10A	0.015 ÷ 2.650k	0.001	±(2.0%rdg + 5 dgt)
10A ≤ FS ≤ 40	0.15 ÷ 10.60k	0.01	
40A ≤ FS ≤ 100	0.15 ÷ 26.50k	0.1	
100A ≤ FS ≤ 1000	1.5 ÷ 265.0k	1	

Active Power (@ 230V 1Ph systems, cosφ=1, f=50/60Hz)

FS clamp	Range [kW]	Resolution [kW]	Accuracy
≤ 10A	0.000 ÷ 9.999	0.001	±(2.0%rdg + 5 dgt)
10A ≤ FS ≤ 200	0.00 ÷ 999.99	0.01	
200A ≤ FS ≤ 1000	0.0 ÷ 999.9	0.1	
1000A ≤ FS ≤ 3000	0 ÷ 9999	1	

Reactive Power (@ 230V 1Ph systems, cosφ=0, f=50/60Hz)

FS clamp	Range [kVAr]	Resolution [kVAr]	Accuracy
≤ 10A	0.000 ÷ 9.999	0.001	±(2.0%rdg + 5 dgt)
10A ≤ FS ≤ 200	0.00 ÷ 999.99	0.01	
200A ≤ FS ≤ 1000	0.0 ÷ 999.9	0.1	
1000A ≤ FS ≤ 3000	0 ÷ 9999	1	

Apparent Power (@ 230V 1Ph systems, cosφ=0, f=50/60Hz)

FS clamp	Range [kVA]	Resolution [kVA]	Accuracy
≤ 10A	0.000 ÷ 9.999	0.001	±(2.0%rdg + 5 dgt)
10A ≤ FS ≤ 200	0.00 ÷ 999.99	0.01	
200A ≤ FS ≤ 1000	0.0 ÷ 999.9	0.1	
1000A ≤ FS ≤ 3000	0 ÷ 9999	1	

Power factor (@ 230V 1Ph systems, f=50.0Hz, current ≥FS)

Range	Resolution	Accuracy
0.70c ÷ 1.00 ÷ 0.70i	0.01	±(2.0%rdg + 3dgt)

cosφ (@ 230V 1Ph systems, f=50.0Hz, current ≥FS)

Range	Resolution	Accuracy
0.70c ÷ 1.00 ÷ 0.70i	0.01	±(2.0%rdg + 3dgt)

Voltage harmonics (@ 230V 1Ph systems, f=50.0Hz)

Range [%]	Resolution [%]	Order	Accuracy
0.1 ÷ 100.0	0.1	00, 02 ÷ 25	±(5.0%rdg + 5dgt)

Fundamental frequency: 50/60Hz ±5%
Harmonics are zeroed in the followed conditions:

- DC : if the DC value <0.5% fundamental value or if the DC value < 1.0V
- 1° harmonic: if the value of 1°harmonic < 15V (not displayed)
- 2nd ÷ 25th harmonics: if harmonic value <0.5% fundamental value or if the value < 1.0V

Current harmonics (f=50/60Hz)

Range [%]	Resolution [%]	Order	Accuracy
0.1 ÷ 100.0	0.1	00, 02 ÷ 25	±(5.0%rdg + 5dgt)

Harmonics are zeroed in the followed conditions:

- DC : if the DC value <0.5% fundamental value or if the DC value < 5mV
- 1° harmonic: if the value of 1°harmonic <5mV (not displayed)
- 2nd ÷ 25th harmonics: if harmonic value <0.5% fundamental value or if the value <5mV

2. GENERAL SPECIFICATIONS

MECHANICAL CHARACTERISTICS	
Dimensions (L x W x H):	225 x 165 x 75mm (9 x 6 x 3in)
Weight (batteries included):	1.2kg (42 ounces)
Mechanical protection:	IP40
MEMORY AND PC CONNECTIONS	
Memory:	999 locations, 3 mark levels
PC connection:	optical/USB port
DISPLAY	
Characteristics:	COG Black/white graphic LCD, 320x240pxl
POWER SUPPLY	
Battery type:	6x1.5V alkaline batteries type AA IEC LR06 or 6 x1.2V rechargeable NiMH type AA
Battery life:	> 500 tests for each function
Auto Power OFF:	after 5 minutes' idling (if activated)
ENVIRONMENTAL CONDITIONS FOR USE	
Reference temperature:	23°C ± 5°C (73°F ± 41°F)
Operating temperature:	0°C ÷ 40°C (32°F ÷ 104°F)
Allowable relative humidity:	<80%RH
Storage temperature:	-10°C ÷ 60°C (14°F ÷ 140°F)
Storage humidity:	<80%RH
Max. operating altitude:	2000m (6562ft
REFERENCE GUIDELINES	
Safety:	IEC/EN61010-1,IEC/EN61010-2-030,IEC/EN61010-2-033 IEC/EN61010-2-034, IEC/EN61557-1
EMC :	IEC/EN61326-1
Technical documentation:	IEC/EN61187
Safety of accessories:	IEC/EN61010-031
Insulation:	double insulation
Pollution level:	2
Measurement category:	CAT IV 300V to earth, maximum 415V between inputs
RPE:	IEC/EN61557-4, BS7671 17th ed., AS/NZS3000/3017
MΩ:	IEC/EN61557-2, BS7671 17th ed., AS/NZS3000/3017
RCD:	IEC/EN61557-6 (only on Phase-Neutral-Earth systems)
RCD-DD:	IEC62955
RCD CCID:	UL2231-2
LOOP P-P, P-N, P-PE:	IEC/EN61557-3, BS7671 17th ed., AS/NZS3000/3017
Multifunction:	IEC/EN61557-10, BS7671 17th ed., AS/NZS3000/3017
Short-circuit current:	EN60909-0

This instrument satisfies the requirements of Low Voltage Directive 2014/35/EU (LVD) and of EMC Directive 2014/30/EU
This instrument satisfies the requirements of European Directive 2011/65/EU (RoHS) and 2012/19/EU (WEEE)

Diensten van EURO-INDEX

EURO-INDEX is fabrikant, importeur en distributeur van diverse A-merken op het gebied van test- en meetinstrumenten. Daarnaast leveren wij een groot aantal diensten om het gebruik van deze instrumenten in uw bedrijfsvoering te optimaliseren. Dit omvat uiteraard onderhoud, reparatie en kalibratie van de instrumenten, maar ook kennisdeling via de EURO-INDEX Academy en verhuur van instrumenten.

Geautoriseerd Service Centrum

EURO-INDEX b.v. is van alle vertegenwoordigde merken een Geautoriseerd Service Centrum. Dit betekent dat uw instrumenten worden behandeld door technici die zijn opgeleid door de fabrikant en beschikken over de juiste gereedschappen en software. Er worden uitsluitend originele onderdelen toegepast en de garantie van uw instrument, evenals de certificering (ATEX, EN50379, etc.) blijven intact.

Kalibratielaboratorium

Ons moderne service- en kalibratielaboratorium beschikt over een RvA accreditatie naar NEN-EN-ISO/IEC 17025. Deze accreditatie geldt voor grootheden, zoals gespecificeerd in de scope bij accreditatienummer K105.

Meer info

Kijk voor een overzicht van al onze diensten op euro-index.nl/diensten

Mobiele Service

Naast de vaste kalibratielaboratoria in Capelle aan den IJssel en Zaventem beschikken wij ook over laboratoria op wielen met de naam “Mobiele Service”. Dit biedt vertrouwde service en kwaliteit, bij u voor de deur!

Meer info

KWS®

KWS® is een uniek servicesysteem voor uw meetinstrumenten met periodiek onderhoud en kalibratie tegen vaste, lage kosten. Uw kalibratiecertificaten zijn digitaal beschikbaar via Mijn KWS (gratis webportaal en app).

Meer info

Verhuur van meetinstrumenten

- Uitgebreid assortiment
- Nauwkeurigheid aantoonbaar door actueel kalibratiecertificaat
- Deskundig advies
- Complete levering inclusief accessoires

Meer info

EURO-INDEX Academy

- Trainingen (individueel en klassikaal)
- Cursussen en workshops
- Demonstratie- en instructievideo’s
- Whitepapers

Meer info

Servicebalie

Onderhoud, reparatie en kalibratie

Cursussen en workshops

Mobiele Service

Wijzigingen voorbehouden EURO-INDEX® NL 24005

EURO INDEX

NEDERLAND
Rivium 2e straat 12
2909 LG Capelle a/d IJssel
T: 010 - 2 888 000
F: 010 - 2 888 010
verkoop@euro-index.nl
www.euro-index.nl

MANAGEMENTSYSTEEM CERTIFICATIE DNV ISO 9001

KALIBRATIE RvA K 105
Geaccrediteerde scope zie www.rva.nl

WIJ LEDEN VAKMENSEN OP

BELGIË
Leuvensesteenweg 607
1930 Zaventem
T: +32 - (0)2 - 757 92 44
F: +32 - (0)2 - 757 92 64
info@euro-index.be
www.euro-index.be