

## BRAVOLINE

# TYRE CHANGERS & WHEEL BALANCER AND ORIGINAL ACCESSORIES

### **COLOR TABLE**

- 1) The standard company colour of our equipment is WINDOW GREY RAL 7040 (→ /39).
- 2) On demand other colours are available (see RAL table)\*
- Below the table for the colors:



- Different colors subject to confirmation of the Export dept.
- \*: The equipment in different color than standard can be subject to surcharge.

The pictures included in the present illustraded catalogue, are only intended to show the product and are therefore not binding. The company reserves the right to make in every moment and without prior notice, any modification deemed necessary.

NEXION S.p.A. declines any responsibility for any complaint coming from the use of not original accessories or spares with consequent forfeiture of the CE conformity declaration.



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## M 54 LL series

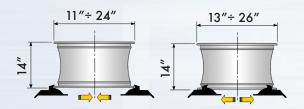


HTB24 Helper optional



#### All models supplied with:

- Bead protection plastic lever.
- Plastic rim protections.
- Bead clamp
- Set of 4 jaw pads for alloy rims
- Plastic cover for bead breaker blade
- Set of plastic inserts for tool head
- Tyre paste container
- Support for tyre paste container
- Brush
- Operator's manual



### M 54 LL

PN	Power Supply	Description
0-11901731/25	400V/3Ph/50Hz	M 54 LL 2V FS
0-11901721/25	400V/3Ph/50Hz	M 54 LL 2V
0-11901711/25	400V/3Ph/50Hz	M 54 LL FS
0-11901732/25	200÷230V/1Ph/50Hz	M 54 LL FS



PN	Power Supply	Description
0-11901742/25	200÷230V/1Ph/60Hz	M 54 LL FS
0-11901751/25	200÷230V/3Ph/60Hz	M 54 LL FS
0-11901704/25	100÷115V/1Ph/60Hz	M 54 LL FS
0-11901701/25	400V/3Ph/50Hz	M 54 LL
0-11901712/25	200÷230V/1Ph/50Hz	M 54 LL
0-11901722/25	200÷230V/1Ph/60Hz	M 54 LL
8-11220014		Customization kit - M 54 LL





## M 54 series



HTB24 Helper optional

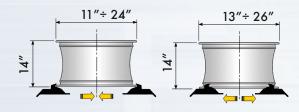


- All models supplied with:

  1 Bead lever + plastic cover

  1 Set of 4 jaw pads for alloy rims

  1 Plastic cover for bead breaker blade
- 1 Set of plastic inserts for tool head
- 1 Tyre paste container
- 1 Support for tyre paste container
- 1 Brush
- 1 Operator's manual



## M 54

PN	Power Supply	Description
0-11901331/25	400V/3Ph/50Hz	M 54 2V FS
0-11901321/25	400V/3Ph/50Hz	M 54 2V
0-11901311/25	400V/3Ph/50Hz	M 54 FS
0-11901332/25	200-230V/1Ph/50Hz	M 54 FS



PN	Power Supply	Description
0-11901342/25	200-230V/1Ph/60Hz	M 54 FS
0-11901351/25	200-230V/3Ph/60Hz	M 54 FS
0-11901304/25	100-115V/1Ph/60Hz	M 54 FS
0-11901301/25	400V/3Ph/50Hz	M 54
0-11901312/25	200-230V/1Ph/50Hz	M 54
0-11901322/25	200-230V/1Ph/60Hz	M 54
8-11220010		Customization kit for M 54





## M 51 series

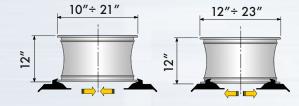


#### HTB21 Helper optional



All models supplied with:

- 1 Bead lever + plastic cover
- 1 Set of 4 jaw pads for alloy rims
- 1 Plastic cover for bead breaker blade
- 1 Set of plastic inserts for tool head
- 1 Tyre paste container
- 1 Support for tyre paste container
- 1 Brush
- 1 Operator's manual



### M 51

PN	Power Supply	Description
0-11901431/25	400V/3Ph/50Hz	M 51 2V FS
0-11901421/25	400V/3Ph/50Hz	M 51 2V
0-11901411/25	400V/3Ph/50Hz	M 51 FS
0-11901432/25	200-230V/1Ph/50Hz	M 51 FS

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PN	Power Supply	Description
0-11901442/25	200-230V/1Ph/60Hz	M 51 FS
0-11901441/25	200-230V/3Ph/60Hz	M 51 FS
0-11901404/25	100-115V/1Ph/60Hz	M 51 FS
0-11901401/25	400V/3Ph/50Hz	M 51
0-11901412/25	200-230V/1Ph/50Hz	M 51
0-11901422/25	200-230V/1Ph/60Hz	M 51
8-11220011		Customization kit for M 51





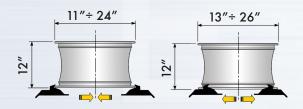
M 34





All models supplied with:

- 1 Bead lever + plastic cover
- 1 Set of 4 jaw pads for alloy rims
- 1 Plastic cover for bead breaker blade
- 1 Set of plastic inserts for tool head
- 1 Tyre paste container
- 1 Support for tyre paste container
- 1 Inflating gun and 1 Tank manometer
- 1 Brush
- 1 Operator's manual



## M 34

PN	Power Supply	escription				
0-11901604/25	100-115V/1Ph/60Hz	M 34				
8-11220013		Customization kit for M 34				









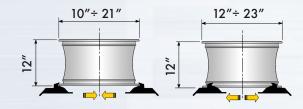




#### All models supplied with:

- 1 Bead lever + plastic cover

- Set of 4 jaw pads for alloy rims
   Plastic cover for bead breaker blade
   Set of plastic inserts for tool head
- 1 Tyre paste container
- 1 Support for tyre paste container
- 1 Brush
- 1 Operator's manual



## M 31

PN	Power Supply	Description
0-11901501/25	400V/3Ph/50Hz	M 31
0-11901511/25	200-230V/3Ph/50Hz	M 31
0-11901521/25	200-230V/3Ph/60Hz	M 31

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PN	Power Supply	Description					
0-11901512/25	200-230V/1Ph/50Hz	M 31					
0-11901522/25	200-230V/1Ph/60Hz	M 31					
8-11220012		Customization kit for M 31					



	OPTIONAL ACCESS	ORIES FOR M 54 AND M 51 SERIES	series	ies		20
PN	Picture	Description	M 54 LL series	M 54 series	M 51 ceries	,
8-11900260		HTB24 Bead lifting/pressing multipurpose device.	•	•		
8-11900261		HTB21 Bead lifting/pressing multipurpose device.	•	•		



## OPTIONAL ACCESSORIES FOR M 34 AND M 31





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OPTI	ONAL ACCESS	ORIES FOR PASSENGER CAR TYRE CHANGEI	RS	- M 54LL		M 54		M 51			
PN	Picture	Description		M 54LL 2V - M 54LL	M 54LL FS	M 54 2V - M	M 54 FS	M 51 2V - M	M 51 FS	M 34	M 31
8-11120075	ता ६३ च छ	FWL 65 Wheel lifter		•	•	•	•	•	•	•	
CT-S-0600000		WRSB Wheel support rotation base		•	•	•	•	•	•	•	•
8-11100362		PGA Tyre inflating gun with BAR scale (EC approved).		•		•		•			•
CT-S-0200000	2	Universal bead clamp.		•	•	•	•	•	•	•	•
CT-S-0110000		Quick release device for demounting tool.				•	•	•	•	•	•



## OPTIONAL ACCESSORIES FOR PASSENGER CAR TYRE CHANGERS

PN	Picture	Description	M 54LL 2V -	M 54LL FS	M 54 2V - N	M 54 FS	M 51 2V - M	M 51 FS	M 34	M 31
CT-S-0120000		Plastic demount head assy.							•	•
CT-S-0310000		Plastic demount head assy.			•	•	•	•		
C-21-8000100		Motorcycle demounting head			•	•	•	•	•	•
CT-S-0500000		Tyre pressing assist device.	•	•	•	•	•	•	•	•



M 54LL

OPTIC	NAL ACCESSORIES FOR F	PASSENGER CAR TYRE CHANGE	RS	- M 54LL		M 54		M 51			
PN	Picture	Description	Price €	M 54LL 2V - M 54LL	M 54LL FS	M 54 2V - M	M 54 FS	M 51 2V - M	M 51 FS	M 34	M 31
C-M-0200000		Motorcycle adaptors kit for inner adjustable jaws (11"-26") 4pcs		•	•	•	•			•	
C-M-0200000A		Motorcycle adaptors kit for inner adjustable jaws (8"-23") 4pcs						•	•		•
C-M-0300000		4 Motorcycle adaptors for high profile rim with spokes (for ex. BMW-Ducati ) - (11"-26")		•	•	•	•			•	
C-M-0400000		4 Motorcycle adaptors for high profile rim with spokes (for ex. BMW-Ducati ) - (8"-23")						•	•		•
8-11900272		Plastic protections kit for motorcycle adapter, 4+4 pcs		•	•	•	•	•	•	•	•
C-54-8000019		Plastic cover for bead lever.				•	•	•	•	•	•
8-11900270	x5	21" and 24" CW plastic protection kit.				•	•	•	•	•	•



ОРТІ	ONAL ACCESSORIES FO	R PASSENGER CAR TYRE CHANG	ERS	- M 54LL		M 54		M 51			
PN	Picture	Description	Price €	M 54LL 2V - M 54LL	M 54LL FS	M 54 2V - M	M 54 FS	M 51 2V - M 5	M 51 FS	M 34	M 31
8-11900271	x4 x2	Plastic protections kit for cover and lever		•	•	•	•	•	•	•	•
8-11900265	<b>x</b> 4	JAW COVER FOR ADJUSTABLE SYSTEM 24" YELLOW (N°4 PIECES)		•	•	•	•			•	
8-11900266	×4	<b>DEMOUNT HEAD PROTECTION</b> COVER YELLOW (N°4 PIECES)				•	•	•	•	•	•
8-11900267	x4	<b>DEMOUNT TAIL PROTECTION</b> COVER YELLOW (N°4 PIECES)				•	•	•	•	•	•
8-11900268	×4	JAW COVER TB 21" YELLOW (N°4 PIECES)						•	•		•
8-11120081	x10x5x15	Protection kit for LL tool head		•	•						



## **HEAVY-DUTY TYRE CHANGERS**











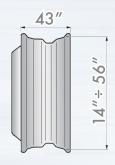






#### Supplied with:

- 1 Bead lifting lever
- 1 Rim ring lever
- 1 Rim clamp
- 1 Set of 4 extensions for jaw from 40" to 56"
- 1 Operator's manual



\* with extensions

F 440
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PN	Power Supply	Description
0-12104301/39	400V/3Ph/50Hz	F 440 RAL 7040 Grey
0-12104302/39	230V/3Ph/60Hz	F 440 RAL 7040 Grey
0-12104303/39	400V/3Ph/60Hz	F 440 RAL 7040 Grey
8-12120014		Customization kit for F 440



## **HEAVY-DUTY TYRE CHANGERS**



F 426

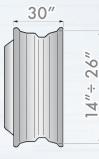


: New or Modified Item



All models supplied with: 1 Bead lifting lever 1 Rim lever

- 1 Rim clamp
- 1 Set of 4 jaws for alloy rims
  1 Operator's manual



## F 426

PN	Power Supply	Description
0-12102101/39	400V/3Ph/50Hz	F 426 RAL 7040 Grey
0-12102102/39	230V/3Ph/60Hz	F 426 RAL 7040 Grey
0-12102103/39	230V/1Ph/60Hz	F 426 RAL 7040 Grey
0-12102104/39	230V/1Ph/50Hz	F 426 RAL 7040 Grey
8-12100146		Customization kit for F 426



## OPTIONAL ACCESSORIES FOR F 440 AND F 426

PN	Picture	Description
8-12120019		CGL56 Set of 4 clamps for alloy rims for F 440.
8-12100045		Inserts kit for CGL56 alloy wheel protections (for F 440)
801271597	55	MV50/2 Pair of bead clamps
801227195		PL56 Clamp for alloy rims.
801217615		LA24 Bead lifting lever.



## OPTIONAL ACCESSORIES FOR F 440 AND F 426

PN	Picture	Description
801417620		LC24 Rim ring lever.
8-12100005		AB164 Locking adapter for alloy rims D.164.
8-12100006		AB176 Locking adapter for alloy rims D.176.
8-12100007		AB161 Locking adapter for alloy rims D.161.
8-12100008		AB202 Locking adapter for alloy rims D.202.
8-12300001		AB220 Locking adapter for alloy rims D.220.
8-12100009		AB221 Locking adapter for alloy rims D.221.
8-12100010		AB281 Locking adapter for alloy rims D.281.



## TRUCK WHEEL BALANCERS









## B 75 TRUCK







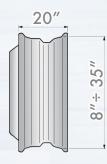


Model supplied with: 1 Caliper

- 1 Allen wrench CH 12
- 1 300 gr. weight for self-calibration 1 100 gr. weight for self-calibration 1 Operator's manual

- 1 Threaded hub and extractor
- 1 Pliers

Wheel guard and 200 kg wheel lifter included.



### **B 75 TRUCK**

PN	Power Supply	Description
0-21900026/39	200-230V/1Ph/50-60Hz	B 75 with Inverter Technology System (ITS)
0-21900025/39	100-115V/1Ph/50-60Hz	B 75 with Inverter Technology System (ITS)
8-21900184		Customization kit for B 75



## OPTIONAL ACCESSORIES FOR B 75 TRUCK

PN	Picture	Description
8-21900187/39		CCKT Color identity panel. The CCKT Kit can be purchased in the following colors: RAL 3002 Red /16 RAL 5002 Blue /20 RAL 5015 Blue Sky /25 RAL 7016 Gray /34 RAL 1007 Yellow /40 RAL 9005 Black /90
8-21900188		L&L KIT LASER pointer & LED spotlight kit.
8-21900220	0 \$	ART40 Truck centring flange set. Range: -PCD 5 x 225 - 285.75 - 335 mmPCD 4 x 275 - 285 mm.
8-21900193		KCT40 Range 1: 211÷218 mm Range 2: 217÷224 mm Range 3: 277÷285 mm
8-21100261		GGR40 Centering kit diam 40 for central hole wheels 183,5÷223 mm - 17,5"-19.5"rims (IVECO-MAN-DAF)
8-21900189	0	ARFT40 Range 1: 95÷175 mm Range 2: 120÷133 mm Range 3: 144÷166 mm



## OPTIONAL ACCESSORIES FOR B 75 TRUCK

PN	Picture	Description
8-21900191	0000	ARU40 ø 42÷103,50 mm - recessed spring included
8-21900194		GTV40 Car centering ring nut.
8-21100275	000	GTR40 EVO - Quick nut Ø 40x4 mm
8-21100276	004	GTR40 EVO HS - Quick nut Ø 40x4 mm with turning handles
8-21100290		<b>TWS40</b> Truck wheel spacer Ø 40 (30mm - 1.19″)
8-21101402		ACCESSORY RACK



## **LIGHT VEHICLE WHEEL BALANCERS**











**B** 55



- Supplied with: 1 Pliers for attaching balance weights 1 4 cones Ø 42 ÷ 156 mm
- 1 Caliper
- 1 Threaded hub
- 1 Wheel fixing ring with spacer cap
- Wheel fixing cap
   100 g. weight for self-calibration
   Operator's manual







**B** 55

PN	Power Supply	Description
0-21900036/39	200÷230V/1Ph/50-60Hz	<b>B55 AD</b> - Display wheel balancer with AUTOSEL function for automatic data input (distance & diameter 26"), automatic balancing with brake at the end of the electronic cycle, (wheel guard included, centering and locking kit included)
0-21900034/39	100÷115V/1Ph/50-60Hz	B55 AD - As above but with different power supply
0-21900044/39	200÷230V/1Ph/50-60Hz	<b>B55 AD NO WHEEL GUARD</b> - Display wheel balancer with AUTOSEL function for automatic data input (distance & diameter 26"), automatic balancing with brake at the end of the electronic cycle (wheel guard NOT included, centering and locking kit included)- NO CE
0-21900040/39	100÷115V/1Ph/50-60Hz	B55 AD NO WHEEL GUARD - As above but with different power supply - NO CE
0-21900035/39	200÷230V/1Ph/50-60Hz	<b>B55 M</b> - Display wheel balancer with manual data imput, automatic balancing with brake at the end of the electronic cycle (wheel guard included, centering and locking kit included)
0-21900033/39	100÷115V/1Ph/50-60Hz	B55 M - As above but with different power supply
0-21900039/39	100÷115V/1Ph/50-60Hz	<b>B55 M NO WHEEL GUARD</b> - Display wheel balancer with manual data imput, automatic balancing with brake at the end of the electronic cycle (wheel guard NOT included, centering and locking kit included) - NO CE
8-21900203		Customization kit - Bravoline 55



## **LIGHT VEHICLE WHEEL BALANCERS**











**B 60** 



#### Supplied with:

- 1 Pliers for attaching balance weights
- 1 4 cones Ø 42 ÷ 156 mm
- 1 Caliper
- 1 Threaded hub
- 1 Wheel fixing ring with spacer cap
- 1 Wheel fixing cap
- 1 100 g. weight for self-calibration
- 1 Operator's manual







**CCK Panel** NOT included

### **B** 60

	PN Power Supply		Description		
	0-21900038/39	200÷230V/1Ph/50-60Hz	<b>B60 AD</b> - Monitor wheel balancer with AUTOSEL function for automatic data input (distance & diameter 26"), automatic balancing with brake at the end of the electronic cycle (wheel guard included, centering and locking kit included, monitor NOT included)		
	0-21900037/39	100÷115V/1Ph/50-60Hz	B60 AD - As above but with different power supply		
	8-21900215		Customization kit - Bravoline 60		





PN	Picture	AL ACCESSORIES FOR B 55 AND B 60  Description	74 74 74	W 00 a	B 55 AD	B 60 AD
8-21900206/25	сск	CCK Color identity panel: RAL 5015 Sky blue.			•	•
8-21900206/20		CCK Color identity panel: RAL 5002 Blue.			•	•
8-21900206/16		CCK Color identity panel: RAL 3002 Red.			•	•
8-21900206/45		CCK Color identity panel: RAL 1003 Yellow			•	•
8-21900207		PB NS Pedal hold brake		•	•	•
8-21900209		TCE40 EVO External width detector (only for automatic data input versions)			•	•
8-21100238		L&L Kit - LASER pointer & LED spotlight kit		•	•	•
8-21900211		WG - Wheel guard kit, only for B55 versions without wheel guard included		•	•	



	OPTION	VAL ACCESSORIES FOR B 55 AND B 60		Π	
PN	Picture	Description	B 55 M	B 55 AD	B 60 AD
8-21100235	19"	19" Widescreen LCD monitor.			•
8-21100141	DX1 CF1	DX/CBF  Centering accessory for vans and off-road vehicles.  Comprising: DX1 Spacer PN DX1 Spacer 4-107426 CF1 Cone for vans D. 117÷147 mm 4-107423 CF2 Cone for vans D. 143÷173 mm 4-107424	•	•	•
8-21900191	000	ARU40 ø 42÷103,50 mm - recessed spring included	•	•	•
8-21100082	B1 B2  (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	B3 SBC Set of 6 wheel centering bushings (min. Ø 54 - max. Ø 75,4 mm).  Comprising: B1 Bushing D. 56.5 ÷ 57.1 B2 Bushing D. 65 ÷ 67 B3 Bushing D. 73.2 ÷ 75.4 B4 Bushing D. 63.3 ÷ 64,2 B5 Bushing D. 58 ÷ 60.1 B7 Bushing D. 54÷56,1 B7 Bushing D. 54÷56,1	•	•	•
8-21100089	ARS	ARS Racing accessory for sport wheels. Comprising: PN ARS Racing spacer 24732 DARS Spacer 30 mm 4-105171		•	•



## OPTIONAL ACCESSORIES FOR B 55 AND B 60

PN	Picture	Description	B 55 M	B 55 AD	B 60 AD
8-21100091	FT1 DEB CHI6 RFS	FRU-SA D. 40 Universal flange for all wheels with or without central holes.  Comprising: PN FT1 Connecting rod with pin DEB Conical/spheric fixing wheel nut CHT6 T exagonal wrench CH 6 CH6 Exagonal wrench CH 6 CEP Exagonal wrench CH22 RFS Holes detector 441286	•	•	•
8-21100092	BF1 BF2 BF4 D D D D D D D D D D D D D D D D D D D	BVFF Set of 5 bushings for accurate wheel centering on FRU flange.  Comprising: PN BF1 Bushing D. 55 4-105110 BF2 Bushing D. 58.1 4-105174 BF3 Bushing D. 60.1 4-105175 BF4 Bushing D. 65 4-105176 BF5 Bushing D. 57 4-106570	•	•	•
8-21100161		SL80 Pneumatic wheel lifter for wheel balancers.		•	•



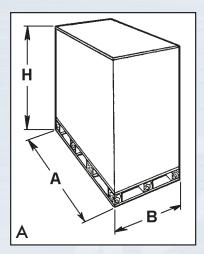
## OPTIONAL ACCESSORIES FOR B 55 AND B 60

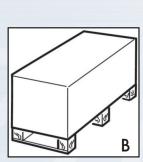
PN	Picture	Description	4	8 55 M	B 55 AD	B 60 AD
8-21900210		BUK BASIC bike universal kit to balance motorcycle and scooter wheels; complete with SK14 code 8-21900228 (also suitable for Bravoline B35) *Motorcycle extension gauge not included		•	•	•
8-21900225		PRA5 Motorcycle extension gauge		•	•	•
8-21900226		SK10 Shaft kit ø 10mm complete with clamping cones ø11-20 mm - ø11-20 mm, bushing and spacer L=150 mm		•	•	•
8-21900227		<b>SK12</b> Shaft kit ø 12mm complete with clamping cones ø13-24 mm , bushing and spacer L=250 mm		•	•	•
8-21900228		<b>SK14</b> Shaft kit ø 14mm complete with clamping cones ø15-25 mm - ø20-35 mm, bushing and spacer L=250 mm (supplied alsowith BUK BASIC code 8-21900210)		•	•	•
8-21900229		SK19 Shaft kit ø 19mm complete with clamping cones Ø21-51 mm, bushing and spacer L=300 mm		•	•	•
8-21900224		PRA6 Motorcycle extension gauge (for Bravoline B35)				

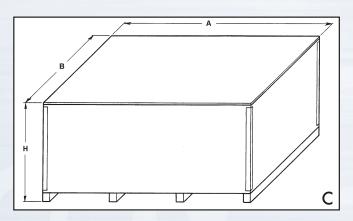


## DIAGRAM OF PACKING SPECIFICATION

#### **BRAVO LINE EQUIPMENT**







Model	Packing type	Dimensions (cm.) $(A \times B \times H)$	Net weight (kg)	Gross weight (kg)
PASSENGER CAR TYRE CHANGERS				
M 54 series	Wooden case (A)	115x195x100	225	295
M 51 series	"	125×108×110	245	285
M 34	ıı .	115×92×105	240	270
M 31	"	105x81x99	180	205
HELPER 4FD (Disassembled arm)	Carton box on pallet (B)	53x120x42	70	110

Model	Packing type	Dimensions (cm.) $(A \times B \times H)$	Net Weight (kg)	Gross Weight (kg)
HEAVY-DUTY TYRE CHANGERS				
F 440	Wooden case	230×210×110	980	1242
F 426	II .	210x165x92	498	750

Model	Packing type	Dimensions (cm.) (A $\times$ B $\times$ H)	Net weight (kg)	Gross weight (kg)
WHEEL BALANCERS				
B 75 Truck	Wooden case (A)	165×90×120	235	300



## **GENERAL SALE CONDITIONS**

- The present export price-list, covering standard production equipment, replaces all previous ones.
- Goods are delivered FCA WAREHOUSE CORREGGIO Incoterms® 2010, ICC Paris and shipped at buyer's cost.
- Standard packing is included in the price of each product.
- When ordering please always state model, quantity, power supply (Voltage, Phases, Hz) required.
- Terms of warranty: 12 months from installation date but no longer than 18 months from the date of NEXION S.p.A. invoice.
- The warranty does not cover defects or damages due to improper installation or use of products, inadequate maintenance or uncomplete knowledge of manuals supplied with the products.
- Any return of goods must always be authorized by NEXION S.p.A. and will be accepted only free our factory, custom cleared. Freight is at sender's risk.
- NEXION S.p.A. reserves the right to change the specifications of the products at any time without prior notice or obligation.

#### WARNING!

For other conditions please refer to the "Distribution Agreement".

