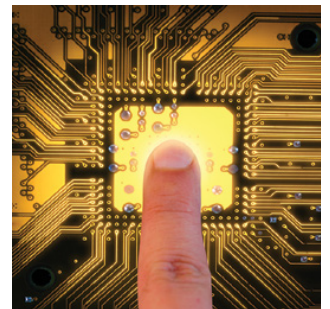




IQAN[®] Accessories

Electronic Control Systems

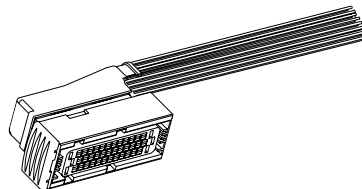


ENGINEERING YOUR SUCCESS.

Prototype installation cables

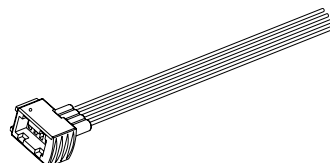
5030030

C1-cable: 2,5 meters, fits to IQAN-XP2, -XT2,
(-TOC8, -XA2, -XS2, -MC2 with minor modification)



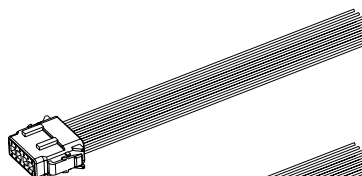
5030094

4 pin JPT: 2,5 meters, fits to IQAN-LSL, -LST (-S)



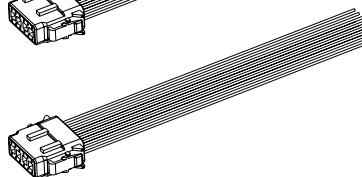
5030125

C1-cable: 2,5 meters, fits to IQAN-MD3, -MD4,
-G1, -LC5-C0x; Grey, key A



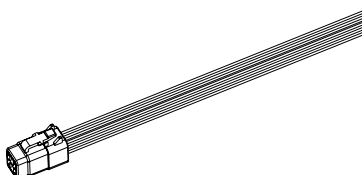
5030126

C2-cable: 2,5 meters, fits to IQAN-MD3, -MD4
Black, key B



5030127

C1-cable: 2,5 meters, fits to IQAN-LC5-X05,
-LC5-C0x



5030216

C1-cable: 2,5 meters, fits to IQAN-MC3
Black, key A (for power, CAN and outputs)

5030217

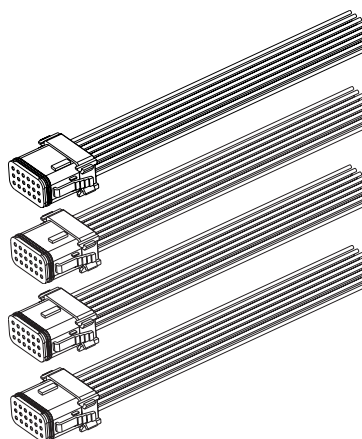
C2-cable: 2,5 meters, fits to IQAN-MC3
Black, key B (for inputs and VREF)

5030218

C3-cable: 2,5 meters, fits to IQAN-MC3
Black, key C (for inputs and VREF)

5030219

C4-cable: 2,5 meters, fits to IQAN-MC3
Black, key D (for outputs)



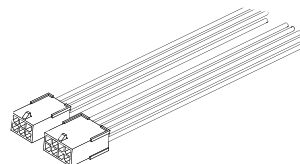
⚠ WARNING

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Prototype installation cables

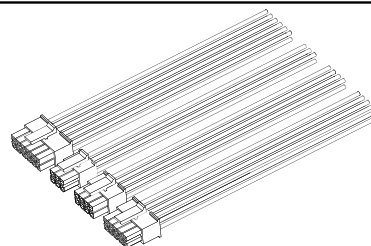
20077763

C1-C2 cables: 1,5 meters, fits to IQAN-LC6-X05



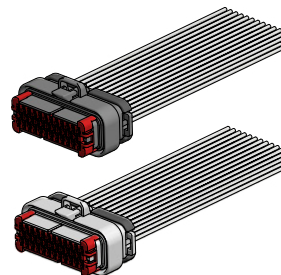
20077777

C1-C4 cables: 1,5 meters, fits to IQAN-XC21



20085102

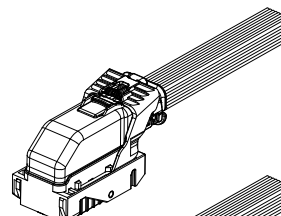
C1-C2 cables: 2,5 meters, fits to IQAN-XC10,
Black & white Ampseal



20085116

C1 cable: 66 pos. 2,5 meters, fits to IQAN-MC42,
IQAN-MC43

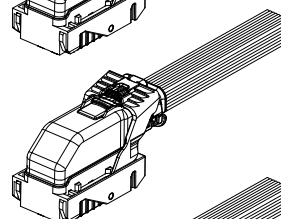
Note: positions 5, 6, 21, 22, 33, 34, 49, 50, 61-64 are plugged



20085117

C2 cable: 73 pos. 2,5 meters, fits to IQAN-MC43

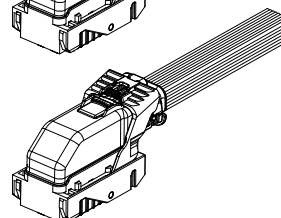
Note: positions 69-72 are plugged



20085124

C1 cable: 66 pos. 2,5 meters, fits to IQAN-MC41

*Note: positions 3, 5, 6, 16, 19, 21, 22, 30-34, 41-44, 49, 50,
57-64 are plugged*



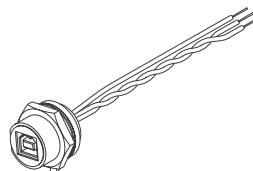
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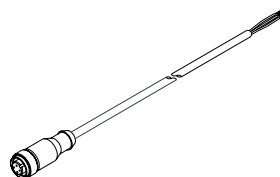
Communication cables

5030124

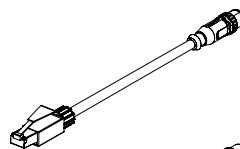
Panel mount USB adapter cable: 0,4 meter, fits to IQAN-MC2, -MD3

**2007744**

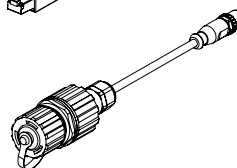
Power/CAN cable: 2,0 meters, fits to IQAN-G3

**2007780**

Ethernet cable: 1,5 meters, fits to IQAN-MD4

**2007785**

Panel mount Ethernet adapter cable: 1,5 meter, fits to IQAN-MD4

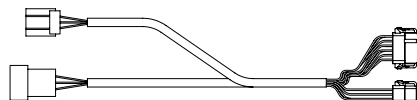
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System cables / miscellaneous

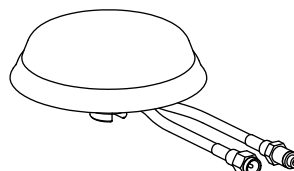
2830018

IQAN-LL to IQAN-LC5-C02 adapter cable, for replacing -LL joysticks with -LC5-C02 joysticks in existing installations, 0.3 meters



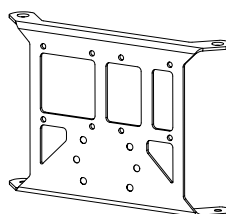
20085105

IQAN-G3 modem/GPS antenna, low profile, threaded mount with 2 cables, SMA connector and FME connector, for implementing remote diagnostics in IQAN systems, 3 meters



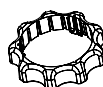
20077778

Steel (painted black) mounting bracket, adapts RAM™ or Southco swivel mounts to IQAN-MD4-7.



20077779

Steel (painted black) mounting bracket, adapts RAM™ or Southco swivel mounts to IQAN-MD4-5.



20077790

Larger plastic ring for 4th axis control of the IQAN-LC6-X05 joystick handle. Fits over existing ring.



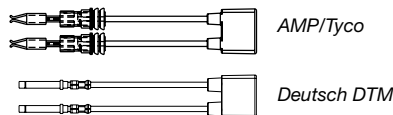
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Address and termination

Address units (Id-Tags)

AMP/Tyco terminals, fits to IQAN-Lx, -XP2, -XT2, -XA2, -XS2
 Deutsch DTM terminals, fits to IQAN-LC5-C0x, -MD3, -MD4
 Deutsch DT terminals, fits to IQAN-MC3, -MC31
 Molex MF 3.0 terminals, fits to IQAN-XC21
 Molex MX64 terminals, fits to IQAN-MC41, -MC42, -MC43



Note: for MX64 address above 4/4T, modify other Id-Tag

Address Id-Tags (10 pack)

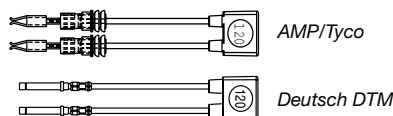
Address	Resistance (ohms)	AMP/Tyco	Deutsch DTM	Deutsch DT	Molex MF 3.0	Molex MX64
		Ordering No.	Ordering No.	Ordering No.	Ordering No.	Ordering No.
0	294	5030060	5030160	20085050	20085020	20085130
1	590	5030061	5030161	20085051	20085021	20085131
2	976	5030062	5030162	20085052	20085022	20085132
3	1.5K	5030063	5030163	20085053	20085023	20085133
4	2.23K	5030064	5030164	20085054	20085024	n/a
5	3.36K	5030065	5030165	20085055	20085025	n/a
6	5.3K	5030066	5030166	20085056	20085026	n/a
7	9.53K	5030067	5030167	20085057	20085027	n/a

Address with termination Id-Tags (10 pack)

Address	Resistance (ohms)	AMP/Tyco	Deutsch DTM	Deutsch DT	Molex Micro-Fit	Molex MX64
		Ordering No.	Ordering No.	Ordering No.	Ordering No.	Ordering No.
0T	432	5030070	5030170	20085060	20085030	20085140
1T	768	5030071	5030171	20085061	20085031	20085141
2T	1.21K	5030072	5030172	20085062	20085032	20085142
3T	1.82K	5030073	5030173	20085063	20085033	20085143
4T	2.74K	5030074	5030174	20085064	20085034	n/a
5T	4.17K	5030075	5030175	20085065	20085035	n/a
6T	6.9K	5030076	5030176	20085066	20085036	n/a
7T	14K	5030077	5030177	20085067	20085037	n/a

Termination unit

CAN Bus termination, available in all terminal types sold in 10-pack only.



Termination Tag

Function	Resistance (ohms)	AMP/Tyco	Deutsch DTM	Deutsch DT	Molex Micro-Fit	Molex MX64
		Ordering No.	Ordering No.	Ordering No.	Ordering No.	Ordering No.
Termination	120	5030083	5030183	20085068	20085038	20085148



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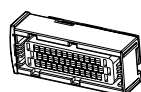
Connector kits

Temperature sensor (legacy)
 Part / Ordering No: **5031007**



Part	pcs.	AMP No.
Housing	1	963040-3
Contact JPT	2	929940-1
Seal JPT	2	828904-1

IQAN-X_2, -TOC8, -MDL2, -MC2
 Part / Ordering No: **5031063**



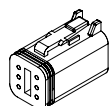
Part	pcs.	AMP No.
Housing	1	1-963226-1
Contact JPT	6	929929-1
Contact MT	36	963711-2
Seal JPT	6	828905-1
Seal MT	36	963530-1
Cover	1	962371-1

IQAN-SP035, -SP500, -ST (-B)
 Part / Ordering No: **5031086**



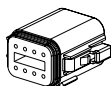
Part	pcs.	AMP No.
Housing	1	282191-1
Contact JPT	3	929940-1
Seal JPT	3	828904-1

IQAN-LSL-E0-//-Lx (-D)
 IQAN-LSL-E1-//-// (-D)
 (switch or detent option)
 Part / Ordering No: **5035014**



Part	pcs.	Deutsch No.
Housing	1	DT06-6S-CE06
Wedge	1	W6S-P012
Contact	6	1062-16-0122

IQAN-LSL-E1-//-Lx (-D)
 (switch and detent options)
 Part / Ordering No: **5035015**



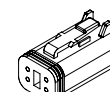
Part	pcs.	Deutsch No.
Housing	1	DT06-08SA-CE06
Wedge	1	W8S-P012
Contact	8	1062-16-0122

IQAN-LSL, -LST (-S)
 Part / Ordering No: **5031097**



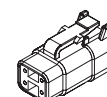
Part	pcs.	AMP No.
Housing	1	1-963207-1
Contact JPT	4	929940-1
Seal JPT	4	828904-1

IQAN-LSL, -LST (-D)
 Part / Ordering No: **5031113**



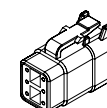
Part	pcs.	Deutsch No.
Housing	1	DT06-4S-C015
Wedge	1	W4S-P012
Contact	4	1062-16-0122

Sensors: FP4000, ATS90
 Part / Ordering No: **5035012**



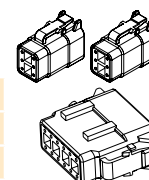
Part	pcs.	Deutsch No.
Housing	1	DTM06-4S
Wedge	1	WM4S
Contact	4	1062-20-0222
Seal plug	4	0413-204-2005

IQAN-LC5-X05, C1
 IQAN-LC5-C0x, C1 or C3
 Sensors: RS60, RS70, ACC100
 Part / Ordering No: **20072408**



Part	pcs.	Deutsch No.
Housing	1	DTM06-6S
Wedge	1	WM6S
Contact	6	1062-20-0222
Seal plug	6	0413-204-2005

IQAN-LC5-C0x, C1, C2 & C3
 Part / Ordering No: **5035007**



Part	pcs.	Deutsch No.
Housing	2	DTM06-6S
Wedge	2	WM6S
Housing	1	DTM06-12SA
Wedge	1	WM12S
Contact	24	1062-20-0222
Seal plug	24	0413-204-2005



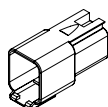
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Connector kits

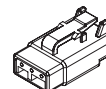
IQAN-LC5-X05-MP handle, 6 position
Part / Ordering No: **5035017**

Part	pcs.	Deutsch No.
Housing	1	DTM04-6P
Wedge	1	WM6P
Contact	6	1060-20-0222
Seal plug	6	0413-204-2005



Sensors: RF50, RF55, RS52, RS53,
GS50, GS60, ATS50, ADS50, ACC50
Part / Ordering No: **5035011***

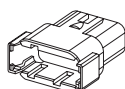
Part	pcs.	Deutsch No.
Housing	1	DTM06-3S
Wedge	1	WM3S
Contact	3	1062-20-0222



* -same as kit 01787ECD

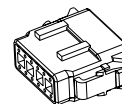
IQAN-LC5-X05-MP handle, 12 position
Part / Ordering No: **5035018**

Part	pcs.	Deutsch No.
Housing	1	DTM04-12PA
Wedge	1	WM12P
Contact	12	1060-20-0222
Seal plug	12	0413-204-2005



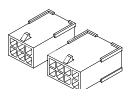
IQAN-G1, C1, grey
Part / Ordering No: **20072406**

Part	pcs.	Deutsch No.
Housing	1	DTM06-12SA
Wedge	1	WM12S
Contact	12	1062-20-0222
Seal plug	12	0413-204-2005



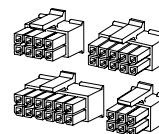
IQAN-LC6-X05, C1-C2
Part / Ordering No: **20077764**

Part	pcs.	Molex No.
Housing	1	43020-0801
Housing	1	43020-0601
Contact	14	43031-0008



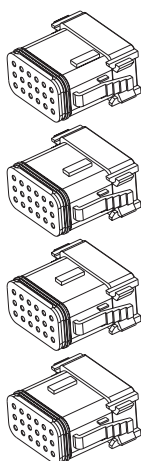
IQAN-XC21, C1-C4
Part / Ordering No: **20077776**

Part	pcs.	Molex No.
Housing	1	43025-1000
Housing	1	43025-0800
Housing	1	43025-0600
Housing	1	43025-1200
Contact	36	43030-0008



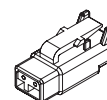
IQAN-MC3, -MC31, C1-C4
Part / Ordering No: **5035016**

Part	pcs.	Deutsch No.
Housing	1	DT16-18SA
Housing	1	DT16-18SB
Housing	1	DT16-18SC
Housing	1	DT16-18SD
Contact	72	1062-16-0122
Seal plug	24	114017



IQAN-SV, power (gold contacts)
Part / Ordering No: **20085109**

Part	pcs.	Deutsch No.
Housing	1	DTM06-2S
Wedge	1	WM2S
Contact	2	1062-20-0144



WARNING

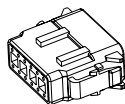
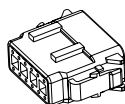
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Connector kits

IQAN-MD3, -MD4, C1 & C2,
 grey & black

Part / Ordering No: **20073081**

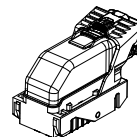
Part	pcs.	Deutsch No.
Housing	1	DTM06-12SA
Housing	1	DTM06-12SB
Wedge	2	WM12S
Contact	24	1062-20-0222
Seal plug	24	0413-204-2005



IQAN-MC4x, C1

Part / Ordering No: **20085114**

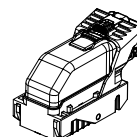
Part	pcs.	Molex No.
Housing	1	34822-0013
Cover	1	34565-0003
Contact	69	33467-0024
Seal plug	30	34586-0001
Contact	3	7116-4152-02
Seal	3	7158-3113-40



IQAN-MC43, C2

Part / Ordering No: **20085115**

Part	pcs.	Molex No.
Housing	1	34566-0103
Cover	1	34565-0003
Contact	77	33467-0024
Seal plug	30	34586-0001
Contact	2	7116-4152-02
Seal	2	7158-3113-40



⚠ WARNING

The products shown in this catalog can expose you to chemicals including Nickel and Nickel Compounds, Titanium Dioxide, Carbon Black, Tetrafluoroethylene, Lead and Lead Compounds which are known to the State of California to cause cancer, and Lead and Lead Compounds and Bisphenol A, which are known to the state of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Crimping tools

5031061

IQAN tool kit for AMP/Tyco connectors

Consists of	use with	Color	Part No.
Crimp tool	JPT* no seal	Yellow	5031049 ¹⁾
Crimp tool	JPT* with seal	Red	5031050 ¹⁾
Crimp tool	MT** seal/no seal	Blue	5031051 ¹⁾
Extraction tool kit	All types	All	5035003 ²⁾
Pin box	Spare parts	All	5031057 ²⁾

* Junior Power Timer, ** Micro Timer

¹⁾ Not available as separate items, only part of IQAN tool kit

²⁾ Available as separate item


5035003

Extraction tool kit, included in IQAN tool kit for AMP/Tyco

Consists of	use with	Color	Part No.
Extraction tool	JPT*	Yellow	5031053 ¹⁾
Extraction tool	JPT* (for single latch sensor connectors)	Red	5031054 ¹⁾
Extraction tool	MT**	Blue	5031055 ¹⁾

* Junior Power Timer, ** Micro Timer

¹⁾ Not available as separate items, only part of Extraction tool kit


5031057

Pin box, included in IQAN tool kit for AMP/Tyco

Consists of	Wire size	pcs.	AMP/Tyco No.
JPT* no seal	0.75 mm ² (18 AWG)	50	927779-1 ¹⁾
JPT* no seal	1.5 mm ² (14 AWG)	25	927777-1 ¹⁾
JPT* with seal	0.75 mm ² (18 AWG)	50	929940-1 ¹⁾
JPT* with seal	1.5 mm ² (14 AWG)	25	929938-1 ¹⁾
JPT* with seal	0.75 mm ² (18 AWG)	25	2-963745-1 ¹⁾
JPT* seal	0.75 mm ² (18 AWG)	50	828904-1 ¹⁾
JPT* seal	1.5 mm ² (14 AWG)	25	828905-1 ¹⁾
JPT* plug	n/a	25	828922-1 ¹⁾
MT** no seal	0.75 mm ² (18 AWG)	100	962945-2 ¹⁾
MT** with seal	0.75 mm ² (18 AWG)	100	963711-2 ¹⁾
MT** seal	0.75 mm ² (18 AWG)	100	963530-1 ¹⁾
MT** plug	n/a	100	963531-1 ¹⁾

* Junior Power Timer, ** Micro Timer

¹⁾ Not available as separate items, only part of Pin box


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20085120

IQAN tool kit for Molex MX123 connectors

Consists of	use with	Part No.
Crimp frame	All types	n/a ¹⁾
Crimp die set	MX64 0.64 mm contact	20085125 ¹⁾
Crimp die set	Yazaki 2.8 mm contact	20085126 ¹⁾
Extractor blade handle	All types	n/a ¹⁾
Extractor blade	MX64, Molex p/n: 63813-1400	20085128 ¹⁾
Extractor blade	Yazaki p/n: X39899-J374	20085129 ¹⁾
Pin box	33467-0024 contacts	n/a ¹⁾
Pin box	34586-0001 sealing plugs	n/a ¹⁾
Pin box	7116-4152-02 contacts	n/a ¹⁾
Pin box	7158-3113-40 seals	n/a ¹⁾



¹⁾ Not available as separate items, only part of IQAN tool kit

! WARNING

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Parker Worldwide

Europe, Middle East, Africa

AE – United Arab Emirates,
Dubai
Tel: +971 4 8127100

AT – Austria, St. Florian
Tel: +43 (0)7224 66201

AZ – Azerbaijan, Baku
Tel: +994 50 2233 458

BE/NL/LU – Benelux,
Hendrik Ido Ambacht
Tel: +31 (0)541 585 000

BY – Belarus, Minsk
Tel: +48 (0)22 573 24 00

CH – Switzerland, Etoy
Tel: +41 (0)21 821 87 00

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Tel: +420 284 083 111

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Tel: +34 902 330 001

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Tel: +358 (0)20 753 2500

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Tel: +30 69 44 52 78 25

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Tel: +353 (0)1 466 6370

IL – Israel
Tel: +39 02 45 19 21

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Tel: +39 02 45 19 21

KZ – Kazakhstan, Almaty
Tel: +7 7273 561 000

NO – Norway, Asker
Tel: +47 66 75 34 00

PL – Poland, Warsaw
Tel: +48 (0)22 573 24 00

PT – Portugal
Tel: +351 22 999 7360

RO – Romania, Bucharest
Tel: +40 21 252 1382

RU – Russia, Moscow
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SE – Sweden, Borås
Tel: +46 (0)8 59 79 50 00

SL – Slovenia, Novo Mesto
Tel: +386 7 337 6650

TR – Turkey, Istanbul
Tel: +90 216 4997081

UK – United Kingdom, Warwick
Tel: +44 (0)1926 317 878

ZA – South Africa, Kempton Park
Tel: +27 (0)11 961 0700

North America

CA – Canada, Milton, Ontario
Tel: +1 905 693 3000

US – USA, Cleveland
Tel: +1 216 896 3000

Asia Pacific

AU – Australia, Castle Hill
Tel: +61 (0)2-9634 7777

CN – China, Shanghai
Tel: +86 21 2899 5000

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Tel: +60 3 7849 0800

NZ – New Zealand, Mt Wellington
Tel: +64 9 574 1744

SG – Singapore
Tel: +65 6887 6300

TH – Thailand, Bangkok
Tel: +662 186 7000

TW – Taiwan, Taipei
Tel: +886 2 2298 8987

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Free phone: 00 800 27 27 5374

(from AT, BE, CH, CZ, DE, DK, EE, ES, FI, FR, IE, IL, IS, IT, LU, MT, NL, NO, PL, PT, RU, SE, SK, UK, ZA)

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