

INTERNATIONAL APPROVAL BODIES

United Kingdom



B.S.I. Kitemark

BS EN ISO 9001:2000 B.S.I.



British Electro-Technical Approvals Board

Austria



O.V.E

Australia



State Electricity Commission of Victoria



The Regulatory Compliance Mark (RCM)

Belgium



CEBEC

Canada



C.S.A.

China



C.C.C.

Denmark



D.E.M.K.O

Europe



E.N.E.C.

Finland



F.I.M.K.O

Germany



V.D.E.

Holland



KEMA-KEUR

Italy



I.M.Q.

Norway



N.E.M.K.O.

South Africa



S.A. Bureau of Standards

Sweden



S.E.M.K.O.

Switzerland



S.E.V.

U.S.A.



U.L. Recognised



U.L. Listed

Russia



GOST The State Committee for Standards

For a list of current Bulgin product approvals please see pages 198-199.

PRODUCT APPROVALS - CERTIFICATE NUMBERS

Part no.	ATEX	RCM No.	CCC	CSA No.	IMQ No.	SEMKO No.	UL No.	VDE No. *ENEC/VDE
BZM27,28 Single Pole Sw (BZM1)				1759217	EG084		E70394	886700-1550-0715*
BZM27,28 Double Pole Sw (BZM2)				1759217	EG084		E70394	886700-1550-0715*
EXP-0911	Baseefa09ATEXT0232X							
EXP-0921	Baseefa09ATEXT0232X							
EXP-0931	Baseefa09ATEXT0232X							
EXP-0941	Baseefa09ATEXT0232X							
EXP-0990	Baseefa09ATEXT0232X							
EXP-0991	Baseefa09ATEXT0232X							
EXP-0992	Baseefa09ATEXT0232X							
EXP-A911	Baseefa09ATEXT0232X							
EXP-A921	Baseefa09ATEXT0232X							
FX0180							E60600	
FX0185							E60600	
FX0280							E60600	
FX0285							E60600	
FX0354					CA03.00345			
FX0357				LR 80963	CA03.00343		E60600	886700-1170-0004
FX0359				LR 80963	CA03.00343		E60600	886700-1170-0004
FX0367				LR 80963	CA03.00343		E60600	886700-1170-0007
FX0369				LR 80963	CA03.00343		E60600	886700-1170-0007
FX0380							E60600	
FX0385							E60600	
FX0415							E60600	
FX0415/S							E60600	
FX0416							E60600	
FX0416/S							E60600	
FX0417				LR 80963	CA03.00280		E60600	886700-1170-0002
FX0418 series				LR 80963	CA03.00280		E60600	886700-1170-0005
FX0419								886700-1170-0002
FX0430 series				LR 80963	CA03.00235		E60600	886700-1170-0001
FX0442								886700-1170-0008
FX0443								886700-1170-0008
FX0454				LR 80963	CA03.00344		E60600	886700-1170-0004
FX0454/S				LR 80963	CA03.00344		E60600	886700-1170-0004
FX0455				LR 80963	CA03.00344		E60600	886700-1170-0004
FX0455/S				LR 80963	CA03.00344		E60600	886700-1170-0004
FX0456				LR 80963	CA03.00236		E60600	886700-1170-0003
FX0457				LR 80963	CA03.00236		E60600	886700-1170-0003
FX0458/1 - /2				LR 80963	CA03.00344		E60600	886700-1170-0006
FX0460				LR 80963	CA03.00347		E60600	
FX0461				LR 80963	CA03.00347		E60600	
FX0462								886700-1170-0004
FX0463							E60600	886700-1170-0004
Mini Buccaneer							E214972	
PF0001 series				1425684	E9700		E92187	886700-1550-0716*
PF0001/PC				1425684	E9700		E92187	886700-1550-0716*
PF0002 series				1425684	E9700		E92187	886700-1550-0716*
PF0006 series				1425684	E9701		E92187	886700-1550-0716*
PF0007 series				1425684	E9701		E92187	886700-1550-0716*
PF0011 series				1425684	E9700		E92187	886700-1550-0716*
PF0011/PC				1425684	E9700		E92187	886700-1550-0716*
PF0016 series				1425684	E9701		E92187	886700-1550-0716*
PF0030 series				1425684	EF173		E92187	
PF0030/PC				1425684	EF173		E92187	
PF0033 series				1425684	EF173		E92187	
PS00/A				LR80968-2			E103825	886700-4730-0008*
PS00/B				LR80968-2			E103825	886700-4730-0008*
PS01/A				LR80968-2			E103825	886700-4730-0008*
PS01/B				LR80968-2			E103825	886700-4730-0008*
PS02/A				LR80968-2			E103825	886700-4730-0009*
PS02/B				LR80968-2			E103825	886700-4730-0009*
PS03/A				LR80968-2			E103825	886700-4730-0009*
PS03/B				LR80968-2			E103825	886700-4730-0009*
PS20/A				LR80968-2			E103825	886700-4730-0007*
PS21/A				LR80968-2			E103825	886700-4730-0007*

PRODUCT APPROVALS - CERTIFICATE NUMBERS

Part no.	ATEX	RCM No.	CCC	CSA No.	IMQ No.	SEMKO No.	UL No.	VDE No. *ENEC/VDE
PS25/A				LR80968-2			E103825	886700-4730-0007*
PS25/B				LR80968-2			E103825	886700-4730-0007*
PS26/A				LR80968-2			E103825	886700-4730-0007*
PS26/B				LR80968-2			E103825	886700-4730-0007*
PX0410				1273303			E214972	886700-1431-0003
PX0411				1273303			E214972	886700-1431-0003
PX0412				1273303			E214972	886700-1431-0003
PX0575			22086	LR43989	E6552		E70394	886700-1550-0013*
PX0575/PC			22086	LR43989	E6552		E70394	886700-1550-0013*
PX0578							E93288	886700-1550-0719
PX0579 series				LR43989	E6552		E70394	886700-1550-0013*
PX0580 series				LR43989	E6552		E70394	886700-1550-0007*
PX0580/PC				LR43989-21	E6552		E70394	886700-1550-0007*
PX0580/PC/7				LR43989-21	E6552		E70394	886700-1550-0007*
PX0580/PC/7/LC				LR43989-21	E6552		E70394	886700-1550-0007*
PX0580/PC/12132				LR43989-21			E70394	886700-1550-0007*
PX0587		23566		1173830			E70394	886700-1550-0014*
PX0587/SE		23566		1173831			E70394	886700-1550-0014*
PX0588		23566		LR43989-49			E93288	
PX0590				LR43989	E6554		E70394	886700-1550-0013*
PX0591							E93288	886700-1550-0720
PX0592							E93288	886700-1550-0720
PX0593							E93288	886700-1550-0720
PX0595 series				LR43989	E6554		E70394	886700-1550-0013*
PX0596				1354023			E70394	886700-1550-0718*
PX0597		23566		LR43989			E70394	886700-1550-0014*
PX0598				1354023			E70394	886700-1550-0718*
PX0599				1354023			E70394	886700-1550-0714*
PX0675 series				LR43989	E9702		E93288	886700-1550-0012*
PX0675/PC				LR43989	E9702		E93288	886700-1550-0012*
PX0685				LR43989			E70394	
PX0686		23565		LR43989-37	EF263		E70394	886700-1550-0015*
PX0686/SE		23565		LR43989-37	EF271		E70394	886700-1550-0015*
PX0690 series				LR43989	E6553		E70394	886700-1550-0013*
PX0690/PC series				LR43989	E6553		E70394	886700-1550-0013*
PX0691 series				LR43989	E6553		E70394	886700-1550-0013*
PX0691/PC				LR43989	E6553		E70394	
PX0695 series				LR43989	E9704		E93288	886700-1550-0009*
PX0695/PC				LR43989	E9704		E93288	886700-1550-0009*
PX0705 series				LR43989	E9703		E93288	886700-1550-0009*
PX0716							E93288	
PX0717							E93288	886700-1550-0721
PX0718							E92187	
PX0725 series				LR43989	E9703		E93288	886700-1550-0009*
PX0777								
PX0783 series				LR43989-37	EF345		E93288	886700-1550-0016*
PX0793 series				LR43989-37	EF344		E93288	886700-1550-0016*
PX0911				1211899			E214972	886700-1431-0002
PX0921				1211899			E214972	886700-1431-0002
PX0931				1211899			E214972	886700-1431-0002
PX0941				1211899			E214972	886700-1431-0002
PXA911				1211899			E214972	886700-1431-0002
PXA921				1211899			E214972	886700-1431-0002
PXD100/050						617708		
PXD200							E330132	
PXD301/050						617708		
PXD301/550						617708		
PXD306/050						617708		
Standard Buccaneer				LR80968-30			E93288	886700-1431-1001
VS0001				1480398		9843096/01-02		886700-4401-1001*
VS0002				1480398		9843096/01-02		886700-4401-1001*

IP RATINGS

Degree of protection to IEC 60529 BS EN60529

IP Ratings Guide

The IP classification system designates the degree of protection provided by an enclosure against solid objects or water ingress.

Table I shows degrees of protection against solid objects, Table II shows degrees of protection against water.

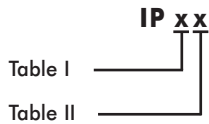


Table I (1st characteristic numeral)

Degree of Protection against solid objects

	Digit	
	0	Non-protected
	1	Protected against a solid object greater than 50mm, such as a hand.
	2	Protected against a solid object greater than 12.5mm, such as a finger.
	3	Protected against a solid object greater than 2.5mm, such as wire or a tool.
	4	Protected against a solid object greater than 1.0mm, such as wire or thin strips.
	5	Dust-protected. Prevents ingress of dust sufficient to cause harm.
	6	Dust tight. No ingress of dust.

Table II (2nd characteristic numeral)

Degree of Protection against water

	Digit	
	0	Non-protected
	1	Protected against dripping water.
	2	Protected against dripping water when tilted up to 15°.
	3	Protected against spraying water at an angle of up to 60°.
	4	Protected against splashing water from any direction.
	5	Protected against jets of water from any direction.
	6	Protected against heavy seas or powerful jets of water. Prevents ingress sufficient to cause harm.
	7	Protected against the effects of temporary immersion in water.
	8	Protected against the effects of continuous immersion in water.

Degree of protection to DIN 40050-9

	69k	Protected against very high pressure, high temperature wash-down test.
--	-----	--

COMPARISON CHART METRIC TO AWG WIRE SIZES

AWG	Cross Sectional Area in mm ²	Closest standard equivalent in mm ²
30	0.0503	0.05
29	0.0646	-
28	0.0804	-
27	0.102	0.1
26	0.128	0.14
25	0.163	-
24	0.205	0.2
23	0.259	0.25
22	0.325	-
21	0.412	-
20	0.519	0.5
19	0.653	-
18	0.823	0.75
17	1.04	1
16	1.31	-
15	1.65	1.5
14	2.08	-
13	2.63	2.5
12	3.13	-
11	4.15	4
10	5.27	-
9	6.62	6
8	8.35	-
7	10.6	10
6	13.3	-
5	16.8	16
4	21.2	-
3	26.7	25
2	33.6	35
1	42.4	-
0	53.4	50
2/0	67.5	70
3/0	85	95
4/0	107.2	120
5/0	135.1	150
6/0	170.3	185

ARMENIA

Prosoft Ltd
108 Profsoyuznaya str., Moscow 117437
Tel: + 7 095 234 0636
Fax: + 7 095 234 0640
email: info@prosoft.ru
Web Site: www.prosoft.ru

AUSTRALIA

Braemac Pty Ltd.
Unit 1, 59-61 Burrows Road, Alexandria, 2015, Sydney, NSW
Tel: 612 9 550 6600
Fax: 612 9 550 6377
Web-Site: www.braemac.com.au

Farnell
72 Fernell Street, Chester Hill, New South Wales 2162
Tel: 1300 361 005
Fax: 1300 361 225
Email: ausales@farnell.com
Web Site: http://au.farnell.com

RS Components Pty Ltd
25 Pavest Street, Smithfield, Sydney, New South Wales 2164
Tel: + 61 2 9681 8588
Fax: + 61 2 9681 8599
Email: order.australia@rs-components.com
Web-Site: www.rswww.com.au

AUSTRIA

Farnell
Tel: +43 (0) 662 218 0680
Fax: +43 (0) 662 218 0670
Email: verkauf.at@farnell.com
Web Site: http://at.farnell.com

LICO Electronics GmbH
Klederinger Strasse 31, A-2320 Kledering, Wien, Vienna, Austria
Tel: +43 1 706 43000
Fax: +43 1 706 4131
Email: office@lico.at
Web-Site: www.lico.at

RS Components Handelsges. MbH
Postfach 79, Albrechtser Strasse 11, A-3950 Gmünd
Tel: + 43 2852 53765
Fax: + 43 2852 53223
Email: kat@rs-components.com
Web-Site: www.rs-components.at

AZERBAIJAN

Prosoft Ltd
108 Profsoyuznaya str., Moscow 117437
Tel: + 7 095 234 0636
Fax: + 7 095 234 0640
Email: info@prosoft.ru
Web Site: www.prosoft.ru

BANGLADESH

Trinity Touch PVT Ltd
D-10, Defence Colony, New Delhi 110024
Tel: + 91 11 51295900/909
Fax: + 91 11 51551378
Email: postmaster@trinitytouch.com
Web-Site: www.trinitytouch.com

BELARUS

Prosoft Ltd
108 Profsoyuznaya str., Moscow 117437
Tel: + 7 095 234 0636
Fax: + 7 095 234 0640
Email: info@prosoft.ru
Web Site: www.prosoft.ru

BELGIUM

Verco
Rue de Woeringen - Straat 9, 1000 Bruxelles, Brussel
Tel: 02/512.40.82
Fax: 02/511.03.53
Email: verco.sprl@skynet.be
Web-Site: www.verco.be

Farnell
Tel: +32 3475 2810
Fax: +32 3227 3648
Email: belgiumsales@farnell.com
Web Site: http://be.farnell.com

RS BeLux
Bd Paepsemiaan 22, 1070 Anderlecht, Belgium
Tel: +32(0)2 528 07 70
Fax: +32(0)2 528 07 80
Email: Orders@rs-components.be
Web: www.rsonline.be

BRAZIL

Farnell
R.Emir Macedo Nogueira 240, Diadema-Sao Paulo, CEP 09961-720
Tel: 00 55 11 4066 9400
Fax: 00 55 11 4066 9410
Web-Site: www.farnell.com.br

Informat Componentes Eletrônicos Ltda
Al.Barão de Piracicaba, 695 Campos Elíseos CEP: 01216-010 São Paulo, SP
Tel: +55 (11) 3350-0392
Fax: +55 11 3225-0892
Web-Site: www.rsbrasil.com

Ammon & Rizos do Brasil Ltda
Alphaville - S.Paulo
Tel: +55 11 4688 1960
Email: rdragon@ammonrizos.com.br

CANADA

E-T-A Circuit Breakers Ltd.
100 Leek Crescent, Unit 11, Richmond Hill, Ontario, L4B 3E6
Tel: (905) 764 9510
Fax: (905) 764 8003
Web Site: www.etacbe.com

Allied Electronics Inc
Ontario Office, 1155 Lola Street, Unit 6, Ottawa Ontario, K1K 4C1
Tel: (613) 228-1964
Fax: (613) 228-8006
Email: ott\$manager@alliedelec.com
Web Site: www.alliedelec.com

Simcona Electronics of Canada Inc
3422 Wonderland Road South, London, Ontario, NGL 1A7
Tel: (519) 652 1130
Fax: (519) 652 1131
Email: info@simcona.ca
Web Site: www.simcona.ca

CHILE

RS Components Ltda
Av. Providencia No.2083, Of.23 Santiago, Chile
Tel: + (562) 335 1130
Fax: + (562) 335 1131
Email: rscomp.entelchile.net

CHINA

Elektron Technology
A2, 1-3 floors, NO.23, Xin Buxin Road, Tongle Community, Longgang Street, Longgang District, Shenzhen, China
Tel: 0755-3328 8988
Fax: 0755-3328 8878
Email: china@bulgin.co.uk

Farnell-Newark - Beijing
Rm 109, Tong Heng Tower, 4 Hua Yuan Road, Haidian District, Beijing 100088
Tel: +86 (010) 6260 8088
Email: bj.sales@premierelectronics.com.cn
Web-Site: http://cn.farnell.com

Farnell-Newark - Shanghai
Tel: +86 (021) 6249 3311
Email: sh-sales@premierelectronics.com.cn
Web Site: http://cn.farnell.com

RS Components Ltd
Suite 13E1, Industrial Estate Building, 18 Cao Xi Road Northern, Shanghai 200030
Tel: + 86 21 6427 7688
Fax: + 86 21 6427 7692

WidLine Industrial Supply Co Ltd
Room 213, Unit 4, 615 Ning Qiao Road, Jinqiao, Pudong, Shanghai 201206
Tel: +86 21 6164 8208
Fax: +86 21 6164 8209
Email: landw@public.qd.sd.cn
Web-Site: www.widline-indsup.com

Powertronics Co. Ltd (Shenzhen)
Room 418, 4th Floor, No. 110, Futian Area East Block, Guang Ye Building, Fu Hua Road, Shenzhen City
Tel: +86 755 89811108
Fax: +86 755 83983707
Email: szpowertro@powertronics.com.tw
Web-Site: www.powertronics.com.tw

Powertronics Co. Ltd (Shanghai)

No 11, Alley 980, Shilong Road, Xuhui District, Shanghai City

Tel: +86 21 5497 0111

Fax: +86 21 5497 0222

Email: shpowertr@powertronics.com.tw

Web-Site: www.powertronics.com.tw

Powertronics Co. Ltd (Beijing)

Room 1809 C, Sunshine 100 International Apartment, No. 2 Guang Hua Road Chao Yang District, Beijing

Tel: +86 10 51003731

Fax: +86 10 51003730

Email: bjpowertr@powertronics.com.tw

Web-Site: www.powertronics.com.tw

Beijing Tianzhenghengye Electronic Equipments Co. Ltd

Room C, 1015 HengHua International Business Center, No 26 YueTan North Street, Xicheng Dist, Beijing

Tel: +86 (10) 5856 5666

Fax: +86 (10) 5856 5288

Email: sales@apepo.com

Web-Site: www.apepo.com

Shenzhen D&Y Technology Co. Ltd

Room 10Q, Floor 10, Xinbaohui Bldg, No. 2061 Nanhai Blvd, Nanshan of Shenzhen 518054

Tel: +86 (755) 2606 7336

Fax: +86 (755) 8603 6416

Email: info@dytechnology.net

Web-Site: www.dytechnology.net

CZECH REPUBLIC**TME Czech Republic s.r.o.**

Slávárenská 406/17, 709 00 Ostrava - Mariánské Hory

Tel: 00 420 59 66 33 105

Fax: 00 420 59 66 33 104

Email: tme@tme.cz

Website: www.tme.cz

Farnell

Tel: 800 142 085

Email: prodej@farnell.com

Web-Site: http://cz.farnell.com

DENMARK**Chemo Electric as**

Hammerholmen 20 C-D, DK-2650 Hvidovre, Denmark

Tel: +45 3677 3044

Fax: +45 3677 3088

Email: info@chemolec.dk

Web Site: www.chemoelectric.com

ELFA Norden A/S

Naverland 31, DK-2600 Glostrup

Tel: 43206340

Email: order@elfa.se

Web site: www.elfa.se

Farnell

Marielundvej 48 D, DK-2730 Herlev, Denmark

Tel: + 45 4453 6644

Fax: + 45 4453 6606

Email: salg@farnell.com

Web Site: http://dk.farnell.com

RS Components A/S

Vibevej 9-11, DK 2400 København NV

Tel: + 45 3816 9900

Fax: + 45 3833 3310

Email: salg@rsrp.dk

Web Site: www.rs-components.dk

Jutland Office

Tel: 87 37 57 57

Fax: 86 72 12 00

Arrow Denmark

Smedeholm 13A, DK-2730 Herlev

Tel: + 45 70 10 22 11

Fax: + 45 44 50 82 10

Web Site: www.arrowne.com

ESTONIA**Farnell**

Tel: +358 9560 7780

Fax: +358 9345 5411

Web-Site: http://ee.farnell.com

Arrow Electronics Estonia OÜ

Järvevana Tee 9, EE-11314 Tallinn

Tel: +372 6 77 42 50

Fax: +372 6 7742 51

Web Site: www.arrowne.com

TME

Tel: 00 371 28 39 55 14

Email: l.breidaks@tme.eu

Website: www.tme.eu

FINLAND**Arrow Finland Oy**

Kalkkipellontie 4 Box 280 Espoo

Tel: +358 9 47 66 60

Fax: +358 9 47 66 63 27

Web Site: www.arrowne.com

ELFA AB

Elfasetti Oy, Karvaamokuja 1, 00380 Helsinki

Tel: 0800111827

Email: order@elfa.se

Web site: www.elfa.se

Farnell

Latokartanonantie 7 B, 00700 HELSINKI

Tel: + 358 9 560 77 80

Fax: +358 9 345 54 11

Email: myynti@farnell.com

Web Site: http://fi.farnell.com

Nylund-Group Oy Ab

Electronics, Masalantie 375, FI-02430 Masala, Finland

Tel: +358 9 2219 1400

Fax: +358 9 2219 1444

Email: electronics@nylund.fi

Web Site: www.nylund.fi

Yleiselektroniikka OYJ

Luomantokko 6, SF-02201 Espoo

Tel: +358 9 4526 2200

Fax: +358 9 4526 2249

Web-Site: www.rsfinland.com

FRANCE**Farnell**

81-83 rue Henri Depagneux, BP 60426 Limas, 69654 Villefranche, Sue Saone, Cedex

Tel: + 33 474 68 99 99

Fax: + 33 474 68 99 90

Email: ventes@farnell.com

Web Site: http://fr.farnell.com

Orbitec

28 rue Fernand-Pelloutier, 92582 Clichy Cedex

Tel: 33 (0)1 47 15 54 54

Fax: 33 (0)1 42 70 16 67

Email: commercial@orbitec.fr

Web-Site: www.orbitec.fr

Omega Composants SARL

5 Rue J Perrin - BP 377, 69746 Genas Cedex

Tel: 33 (0)4 78 90 85 64

Fax: 33 (0)4 78 90 84 65

Email: omega@omegacomposants.fr

Web-Site: www.omegacomposants.fr

Radiospares

Rue Norman King, BP 453, 60031 Beauvais Cedex

Tel: 0 825 034 034

Fax: 0 825 345 000

Web-Site: www.radiospares.fr

GERMANY**Engelking Elektronik GmbH**

Albstrasse 16, D-78609 Tuningen

Tel: 07464 9865 0

Fax: 07464 9865 71

Email: info@engelking.de

Web-Site: www.engelking.de

ESKA Erich Schweizer GmbH

Elektrotechnische Fabrik, Antonius-Raab-Strasse 10, D - 34123 Kassel

Tel: +49 (0) 561 589040

Fax: +49 (0) 561 5890422

Email: mail@eska-fuses.de

Web-Site: www.eska-fuses.de

Ettinger GmbH

Ottostrasse 5, 85649 Hofolding

Tel: (08104) 6623 10

Fax: (08104) 6623 99

Email: info@ettinger.de

Web Site: www.ettinger.de

Farnell

Keltenring 14, D-82041 Deisenhofen bei München

Tel: 00 49 89 61 393939

Fax: 00 49 89 61 35901

Email: verkauf@farnell.com

Web Site: http://de.farnell.com

Hot Electronic GmbH

Wendelsteinweg 11, 82024 Taufkirchen

Tel.: 0 89 666 283-6

Fax: 0 89 61 28 667

Email: info@hot-electronic.de

Web Site: www.hot-electronic.de

RS Components GmbH

Hessenring 13b, 64546 Mörfelden-Walldorf, Frankfurt

Tel: + 49 6105 401 234
 Fax: + 49 6105 401 100
 Email: rs-gmbh@rs-components.com
 Web-Site: www.rs-components.de

HONG-KONG

Birko Electronics Company

Flat N. 4th Floor, Lladro Centre, 72 Hoi Yuen Road, Kwun Tong - Kowloon

Tel: (852) 23440626
 Fax: (852) 23412069
 Email: info@birko.com.hk

Premier Electronics (Farnell-Newark)

Unit 6, G-F Westley Square, 48 Hoi Yuen Road, Kwun Tong

Tel: + 852 226 89888
 Fax: + 852 229 89899
 Email: hk-sales@premierelectronics.com
 Web Site: http://hk.farnell.com/bulgin

RS Components Ltd

13th Floor, Wyler Centre Phase II, 200 Tai Lin Pai Road, Kwai Chung, Hong Kong

Tel: + 852 2610 2990
 Fax: + 852 2610 2991
 Web Site: www.rswwww.com.hk

HUNGARY

FARMECO Kft.

Bécsi út 100, H-1034 Budapest, Hungary

Tel/Fax: +36 1 283 2497
 Email: farmelco@farmelco.hu
 Web Site: www.farmelco.hu

SOLAMEX Bt

2601 VÁC, P.O. Box 114, Hungary

Tel: +36 27 315 881
 Fax: +36 27 319 074
 Email: solamex@solamex.hu
 Web Site: www.rs-components.hu

Farnell Hungary

Tel: 00 44 870 1200 109
 Email: info-hu@farnell.com
 Web site: http://hu.farnell.com

TME Hungary Kft.

Illka u. 46. 1/1, 1143, Budapest

Tel: 00 36 1 220 67 56
 Fax: 00 36 1 273 03 28
 Email: tme@tme.hu
 Website: www.tme.hu

INDIA

RS Components & Controls India Ltd

A-9, Sector VIII, NOIDA (Ghaziabad), Uttar Pradesh, India 201301

Tel: + 91 (0)11 8 4541300/4555956/4555957
 Fax: + 91 (0)11 8 4555954

Trinity Touch PVT Ltd

D-10, Defence Colony, New Delhi 110024

Tel: +91.11.3089 5900
 Fax: +91.11. 308 95998
 Email: postmaster@trinitytouch.com
 Web Site: www.trinitytouch.com

Farnell Electronics India Pvt Ltd

Tel: +91 (0) 80 4000 3888
 Email: india-sales@farnell.com
 Web Site: http://in.farnell.com

IRELAND

Farnell

c/o HMP Secretarial Ltd, Riverside One, Sir John Rogerson's Quay, Dublin 2, Ireland

Tel: 1800 936 198
 Fax: 1800 936 199
 Email: ireland-sales@farnell.com
 Web Site: http://ie.farnell.com

Radionics Ltd

Glenview Industrial Estate, Herberton Road, Rialto, Dublin 12

Tel: + 353 1 415 3123
 Fax: + 353 1 415 3111
 Email: enquiries@radionics.ie

ISRAEL

RS

The Central Company for Components Ltd. 3 Platin Naphtali St., Unit 316, New Industrial Zone, Rishon LeZion, P.O.B 17083 Zip code 75653, ISRAEL

Tel: +972-3-951 7222
 Fax: +972-3-951 7224
 Email: sales@rsisrael.co.il
 Web Site: www.rsisrael.com

Telsys Ltd.

Dvora Hanevia St. Neve Sharet Atidim 3, Tel Aviv 61431

Tel: 03 765 7666
 Fax: 03 649 7407
 Web Site: www.telsys.co.il

Farnell

Tel: 1 80 937 0015
 Email: israel-sales@farnell.com
 Web Site: http://il.farnell.com

ITALY

Farnell

Corso Europa 20-22, 20020 Lainate (MI)

Tel: +39 02 93995 200
 Fax: +39 02 93995 300
 Email: vendite@farnell.com
 Web Site: http://it.farnell.com

Omega Fusibili s.p.a.

Via Edison, 10/12, 20090 Assago (Milano)

Tel: + 39 02 488481
 Fax: + 39 02 4882522
 Web Site: www.omegafusibili.it

RS Components S.p.A

Via Cadorna 66, 20090 Vimodrone, Milano

Tel: + 39 02 27 2451
 Fax: + 39 02 27 425 207
 Web Site: www.rs-components.it

JAPAN

RS Components K. K.

West Tower 12F, Yokohama Business Park (YBP), 134 Godocho, Hodogaya, Yokohama, Kanagawa, P.O. Box 240-0005

Tel: + 45 335 8550
 Fax: + 45 335 8554
 Web Site: www.rswwww.co.jp

Ascot Co., Ltd

Ascot Bldg. 2F, 2-4-8, Doshin, Kita-ku, Osaka 530-0035

Tel: + 81 6 6352 0207
 Fax: + 81 6 6352 0576
 Email: sales@ascotkk.co.jp
 Web Site: www.ascotkk.co.jp

KAZAKHSTAN

Prosoft Ltd

108 Profsoyuznaya str., Moscow 117437

Tel: + 7 095 234 0636
 Fax: + 7 095 234 0640
 Email: info@prosoft.ru
 Web Site: www.prosoft.ru

KOREA

Dae Hyun Corporation

Ansan Industrial Currency Center 16-105, ~994-5, Wonkok-Dong, Ansan-City, Gyeonggi-Do 425-780

Tel: + 82 031 493 2121
 Fax: + 82 031 493 6828
 Email: idaehyunum@kornet.net

KYRGYZSTAN

Prosoft Ltd

108 Profsoyuznaya str., Moscow 117437

Tel: + 7 095 234 0636
 Fax: + 7 095 234 0640
 Email: info@prosoft.ru
 Web Site: www.prosoft.ru

LATVIA

Arrow Latvia

Brivibs Street 110-1, LV-1001 Riga

Tel: +371 731 1490
 Fax: +371 731 3195
 Email: latvia@arrowndic.com
 Web Site: www.arrowne.com

TME

Tel: 00 371 28 39 55 14
 Email: l.breidaks@tme.eu
 Website: www.tme.eu

LITHUANIA

Arrow Lithuania

Studentu 50-146A, LT-51368 Kaunas

Tel: +370 37 759015
 Fax: +370 37 452801
 Email: lithuania@arrowne.com
 Web Site: www.arrowne.com

TME

Tel: 00 371 28 39 55 14
 Email: l.breidaks@tme.eu
 Website: www.tme.eu

LUXEMBURG**RS BeLux**

Bd Paepsemiaan 22, 1070 Anderlecht, Belgium
 Tel: +32(0)2 528 07 70
 Fax: +32(0)2 528 07 80
 Email: Orders@rs-components.be
 Web Site: www.rsonline.be

MALAYSIA**CAREelec SDN BHD**

Suite 501, 3B Wisma Thong Sin, Jalan Tanjung
 Bungah, 11200 Penang, Malaysia
 Tel: +60 4 899 3958
 Fax: +60 4 899 4136
 Email: sales@careelec.com.my
 Web Site: www.careelec.com

Farnell-Newark

Lot 207, 2nd Floor, Back Tower, Jalan SS13/1K,
 47500 Subang Jaya, Selangor D.E.
 Tel: 1800 88 6223
 Fax: + 60 3 5636 6226
 Email: my-sales@farnell-newark.com
 Web Site: http://my.farnell.com

RS Components Sdn Bhd

Lot 12, Jalan Pensyarah U1/28, Seksyen U1
 Hicom Glenmarie Industrial Park, 40150 Shah
 Alam Selangor Darul Ehsan, Malaysia
 Tel: + 603 519 3000
 Fax: + 603 519 3100
 Email: orders.my@rs-components.com
 Web Site: www.rswww.com.my

MEXICO**Ammon & Rizo de Mexico**

Ave. Terranova No. 1079, Col. Providencia,
 44620 Guadalajara, Jalisco
 Tel: + 52 33 3641 9900
 Fax: + 52 33 3642 0710
 Email: tkessler@ammonrizos.com

Acotron Electronica Industrial S.A de C.V

Calzada Federalismo Sur #214, Col. Centro,
 Guadalajara, Jalisco
 Tel: 38 26 70 04
 Fax: 38 36 70 04
 Email: acotron@acotron.com
 Web Site: www.actron.com

MOLDOVA**Prosoft Ltd**

108 Profsoyuznaya str., Moscow 117437
 Tel: + 7 095 234 0636
 Fax: + 7 095 234 0640
 Email: info@prosoft.ru
 Web Site: www.prosoft.ru

NETHERLANDS**Farnell**

Postbus 1815, Nautilusweg 39, 3542 AT Utrecht
 Tel: + 31 30 241 7373
 Fax: + 31 30 241 7333
 Email: hollandsales@farnell.com
 Web Site: http://nl.farnell.com

RS Components BV

Bingerweg 19, 2031 AZ Haarlem
 Tel: + 31 23 516 6500
 Fax: + 31 23 516 6501
 Web Site: www.rs-components.nl

HPR Techniek B.V.

Stolwijkstraat 33, 3079 DN ROTTERDAM
 Tel: +31 (0)10 - 292 87 87
 Fax: +31 (0)10 - 292 87 65
 Email: info@hprtechniek.nl
 Web Site: www.hprtechniek.nl

NEPAL**Trinity Touch PVT Ltd**

D-10, Defence Colony, New Delhi 110024
 Tel: + 91 11 51295900/909
 Fax: + 91 11 51551378
 Email: postmaster@trinitytouch.com
 Web Site: www.trinitytouch.com

NEW ZEALAND**Braemac NZ**

11 Huron Street, Takapuna, Auckland, New
 Zealand
 Tel: + 9 486 5200
 Fax: + 9 486 4460
 Web Site: www.braemac.com.au

Farnell

PO Box 74-342, Market Road, Auckland
 Tel: 0800 90 80 80
 Fax: 0800 90 80 81
 Email: nzsales@farnell.com
 Web Site : http://nz.farnell.com

RS Components Ltd

Units 30 & 31 Warehouse World, 761 Great
 South Road, (P.O. Box 12127), Penrose, Auckland
 1006
 Tel: + 64 9 526 1600
 Fax: + 64 9 579 1700
 Email: orders.nz@rs-components.com
 Web Site: www.rsnewzealand.com

NORWAY**Altex Electronics AB**

Box 855, S-851 24 Sundsvall
 Tel: 46 (0) 60 16 66 10
 Fax: 46 (0) 60 17 43 44
 Email: altex@altex.net
 Web Site: www.altex.net

ELFA Skandinavia AS

Sandakerveien 76, 0483 Oslo
 Tel: 23 12 49 00
 Fax: 23 12 49 20
 Email: order@elfa.se
 Web Site: www.elfa.se

Farnell

Tel: 800 146 70
 Fax: 800 146 76
 Email: bestill@farnell.com
 Web Site: http://no.farnell.com

RS Components AS

Hvamsvingen 24, 2013 Skjetten, Norway
 Tel: 47 64 83 40 00
 Fax: 47 64 83 40 10
 E-mail: Salg@rsonline.no
 Web Site: www.rsonline.no

Arrow Norway AS

Trygve Nilsens Vei 8, P.O. Box 92 Furuset, N-
 1001, Oslo, Norway
 Tel: +47 52763000
 Fax: +47 21306550
 Email: SalesNO@arrownordic.com
 Web Site: www.arrowne.com

PAKISTAN**Trinity Touch PVT Ltd**

D-10, Defence Colony, New Delhi 110024
 Tel: + 91 11 51295900/909
 Fax: + 91 11 51551378
 Email: postmaster@trinitytouch.com
 Web Site: www.trinitytouch.com

PHILIPPINES**Care Elec**

Suite 501, 3B Wisma Thong Sin, Jalan Tanjung
 Bungah, 11200 Penang, Malaysia
 Tel: +60 4 899 3958
 Fax: +60 4 899 4136
 Email: sales@careelec.com.my
 Web Site: www.careelec.com

RS Components Ltd

Floor 21 Unit B1, Multinational Bancorporation
 Centre, 6805 Ayala Avenue Makati City
 Tel: (632) 888 4030
 Fax: (632) 888 4034
 Web Site: www.rsphilippines.com

Farnell-Newark

Tel: +63 (2) 892 3883
 Fax: +63 (2) 892 3882
 Email: sales@afti.com.ph
 Web Site: http://ph.farnell.com

POLAND**ELFA Polska Sp. z o.o.**

Aleje Jerozolimskie 136, 02-305 Warszawa
 Tel: (022) 520 22 22
 Fax: (022) 520 22 29
 Email: order@elfa.se
 Web Site: www.elfa.se

OEM Automatic Sp. z o.o.

ul. Postepu 2, 02-676 Warszawa
 Tel: +48-22-86 32 722
 Fax: +48-22-86 32 724
 Email: info@oemelectronics.pl
 Web Site: www.oemelectronics.pl

Transfer Multisort Elektronik Sp. z o.o.

ul. Ustronna 41, 93-350 Łódź
 Tel: 00 48 42 645 54 44
 Fax: 00 48 42 645 54 70
 Email: bulgin@tme.pl
 Web Site: www.tme.pl

Farnell Poland

Tel: 00800 121 29 67
 Email: polska@farnell.com
 Web Site: http://pl.farnell.com

PORTUGAL

Farnell
Tel: + 34 93 475 8804
Fax: + 34 93 474 5288
Email: vendaspt@farnell.com
Web Site: http://pt.farnell.com

ROMANIA

Transfer Multisort Elektronik s.r.l.
Str. B.P. Haşdeu nr. 8, 300016, Timișoara
Tel: 00 40 356 46 74 01
Fax: 00 40 356 46 74 00
Email: romania@tme.eu
Web Site: www.tme.eu/ro

RUSSIA

Prosoft Ltd
108 Profsoyuznaya str., Moscow 117437
Tel: + 7 095 234 0636
Fax: + 7 095 234 0640
Email: info@prosoft.ru
Web Site: www.prosoft.ru

SINGAPORE

Farnell
15 Tai Seng Drive Singapore 535220
Tel: + 65 6788 0200
Fax: + 65 6788 0300
Email: sg-sales@farnell-newark.com
Web Site: http://sg.farnell.com

Richco Electronics Pte Ltd
41 Tyrwhitt Road, Singapore 207539
Tel: 65-6291-0777
Fax: 65-6297-1221
Email: richco@pacific.net.sg
Web Site: www.richcoelectronics.com.sg

RS Components Pte Ltd
31 Tech Park Crescent, Singapore 638040
Tel: + 65 865 3400
Fax: + 65 865 3800
Email: orders.sa@rs-components.com
Web Site: www.rscomp.com.sg

SLOVAK REPUBLIC

Farnell Slovakia
Tel: 0800 001 332
Email: predaj@farnell.com
Web Site: http://sk.farnell.com

TME
Tel: 00 421 911 32 00 77
Email: tme@tme.sk
Website: www.tme.sk

SOUTH AFRICA

Avnet Kopp (Pty) Ltd.
P.O. Box 3853, Rivonia, 2128
Tel: +27 11 809 6100
Fax: +27 11 444 1706
Email: sales@avnet.co.za
Web Site: www.avnet.co.za

RS Components SA
1 & 2 Indianapolis Street, Kyalami Business Park,
Kyalami, Midrand
Tel: + 27 11 466 1565
Fax: + 27 11 466 1577
Email: sales@rs.co.za

SPAIN

Emelec S.A.
Residencial La Riera, 08395 Sant Pol de Mar,
Barcelona
Tel: 3 7601166 and 3 7601177
Fax: 3 7601361

Farnell
Parque Empresarial Cityparc, Edificio Londres 2,
Ctra de Hospitalet, 147-149, 08940-Cornellá
Tel: +34 901 20 20 80
Fax: +34 901 20 20 90
Email: ventas@farnell.com
Web Site: http://es.farnell.com

RS Amidata SA
Avda. De Europa 19, Edif 3, 28224 Pozuelo de
Alarcon, Madrid, Spain
Tel: +34 91 512 9600
Fax: +34 91 475 6747
Email: amidata@rs-components.com
Web Site: http://rsonline.es

TC Componentes S.L.
Cami de Can Calders, 6, 08190 Sant Cugat Del
V. Barcelona
Tel: +34 93 590 28 30
Fax: +34 93 590 02 67
Email: info@tc-components.es
Web Site: www.tc-components.es

SRI LANKA

Trinity Touch PVT Ltd
D-10, Defence Colony, New Delhi 110024
Tel: + 91 11 51295900/909
Fax: + 91 11 51551378
Email: postmaster@trinitytouch.com
Web Site: www.trinitytouch.com

SWEDEN

ALTEX AB
Box 855, S-851 24 Sundsvall
Tel: 46 (0) 60 16 66 10
Fax: 46 (0) 60 17 43 44
Email: altex@altex.net
Web Site: www.altex.net

ELFA AB
175 80 Järfälla. Elektronikhöjden 14
Tel: 08 580 941 00
Fax: 08 580 943 00
Email: order@elfa.se
Web Site: www.elfa.se

Farnell
Voltravagen 13A, 168 69 Bromma
Tel: +468 730 5000
Fax: + 468 835 262
Email: sweden-sales@farnell.com
Web Site: http://se.farnell.com

OEM Electronics AB
Box 1025, SE-573 29 TRANÅS
Visiting address: Norrabryvägen 6B
Tel: 075-242 45 00
Fax: 075-242 45 09
Email: info@oemelectronics.se
Web: www.oemelectronics.se

RS Components AB
Box 15, 162 11 Vällingby
Tel: + 46 8 445 89 00
Fax: + 46 8 687 11 52
Web Site: www.rsonline.se

Arrow Sweden
Box 67, Kronborgsgränd 19 SE-164 94 Kista
Tel: + 46 8 56265500
Fax: + 46 8 56265550
Web Site: www.arrowne.com

SWITZERLAND

Compona AG
Udermülstrasse 16, CH-8320, Fehraltorf
Tel Switzerland: 0848 840 100
Tel International: 0041 1 956 21 21
Fax: +41 (1) 954 26 90
Email: info@compona.ch
Web Site: www.compona.ch

Farnell
Brandschenkestr.178, CH-8027, Zurich
Tel: +41 044 204 64 64
Fax: +41 044 204 64 54
Email: verkauf.ch@farnell.com
Web Site: http://ch.farnell.com

Sibalco AG
Birmannsgasse 8, 4009 Basel
Tel: +41 (0) 61 264 10 10
Fax: +41 (0) 61 264 10 15
Email: info@sibalco.ch
Web Site: www.sibalco.com

TAIWAN

RS Components Ltd.
10/F, No 3, Ming Sheng Road, Section 1, Pan
Chiao, Taipei Hsein
Tel: + 886 (0)2 2957 9902
Fax: + 886 (0)2 2959 9844
Web Site: www.rswww.com.tw

Powertronics Co. Ltd
2F, No. 138, Sec.3, Chung-Shing Road, Shing-
Tien, Taipei Hsein 231
Tel: + 886 2 2915 7000
Fax: + 886 2 2915 3910
Email: sales@powertronics.com.tw
Web Site: www.powertronics.com.tw

TAJIKISTAN

Prosoft Ltd
108 Profsoyuznaya str., Moscow 117437
Tel: + 7 095 234 0636
Fax: + 7 095 234 0640
Email: info@prosoft.ru
Web Site: www.prosoft.ru

THAILAND

Farnell Thailand
634/2 Soi Ramkhamhaeng 39 (Thepleela 1),
Ramkhamhageng Road, Wangthongland,
Bangkok 10310
Tel: 0 2530 9099
Fax: 0 2935 6790
Email: customer_service@gti.co.th
Web Site: http://th.farnell.com

TURKEY**Metot San.ve Tic. Ltd. Sti**

Atif Bey Mah.,H. Tulu Is Merkezi, 5 Sok. No: 31
Kat: 1/108 Gaziemir/Izmir

Tel: +90 232 252 4824
Fax: +90 232 252 4825
Email: metot@metotltd.com

TURKMENISTAN**Prosoft Ltd**

108 Profsoyuznaya str., Moscow 117437

Tel: + 7 095 234 0636
Fax: + 7 095 234 0640
Email: info@prosoft.ru
Web Site: www.prosoft.ru

UK - FULL RANGE DISTRIBUTORS**Anglia**

Sandall Road, Wisbech PE13 2PS

Tel: 01945 474747
Fax: 01945 474849
Email: info@anglia.com
Web: www.anglia.com

Arrow Electronics (UK) Ltd

London Road Campus, London Road, Harlow
CM17 9NA

Tel: 01279 626777
Fax: 01279 455777
Email: sales@arrowuk.com
Web: www.arrowuk.com

Avnet Abacus

Unit 5B, Waltham Park, White Waltham,
Maidenhead, Berkshire SL6 3TP

Tel: +44 (0)1628 512900
Fax: +44 (0) 1628 512999
Email: uk@avnet-abacus.eu
Web: www.avnet-abacus.eu

E. Preston (Electrical) Ltd

Broadway, Globe Lane Industrial Estate,
Dukinfield, SK16 4UU

Tel: 0161 339 5177
Fax: 0161 343 1935
Email: sales@epreston.co.uk
Web: www.epreston.co.uk

Farnell

Canal Road, Leeds, LS12 2TU

Tel: 0870 1200 200
Fax: 0870 1200 201
Email: sales@farnell.co.uk
Web: www.farnell.com

ACAL Technology Ltd

3 The Business Centre, Molly Millars Lane,
Wokingham, Berkshire RG41 2EY

Tel: +44 (0)118 978 8878
Fax: +44 (0)118 977 6095
Email: acal@acaltechnology.co.uk
Web: www.acaltechnology.com

RS Components

PO Box 99, Corby, Northants, NN17 9RS

Tel: 08457 201201
Fax: 0845 850 9911
Web: www.rswww.com

UK - MARINE DISTRIBUTORS**Index Marine Ltd**

Unit 5 Corry Close, Branksome Business Centre,
Parkstone, Dorset, BH12 4BQ

Tel: +44 (0)1202 746500
Email: sales@indexmarine.co.uk
Web Site: www.indexmarine.co.uk

UKRAINE**Prosoft Ltd**

108 Profsoyuznaya str., Moscow 117437

Tel: + 7 095 234 0636
Fax: + 7 095 234 0640
Email: info@prosoft.ru
Web Site: www.prosoft.ru

Biakom Ltd

23-A, Salutnaya Str., 04111 Kiev

Tel: + 380 44 4220485
Email: biakom@biakom.kiev.ua
Web Site: www.biakom.com

USA**Elektron Technology**

31-315 Plantation Drive, Thousand Palms,
CA 92276

Tel: 760-343-3650
Fax: 760-343-3445
Email: info@bulgincomponents.com
Web Site: www.elektron-bulgin.com

Allied Electronics Inc

7151 Jack Newell Blvd. S. Fort Worth Texas
76118

Tel: 1-800-433-5700
Fax: (817) 595-6444
Web Site: www.alliedelec.com

Mouser Electronics

1000 N. Main Street, Mansfield, TX 76063-1514

Tel: (800) 346-6873
Email: sales@mouser.com
Web Site: www.mouser.com

Newark

4801 N. Ravenswood Chicago, Illinois 60640

Tel: +1-800-4-NEWARK (1-800-463-9275)
Fax: +1 800 718 1998
Web Site: www.newark.com

Peerless Electronics Inc

700 Hicksville Road, P.O. Box 9052, Bethpage,
NY 11714

Tel: 800-285-2121 (Int. 516-594-3500)
Fax: 800-222-8096 (Int. 516-593-2179)
Web Site: www.peerlesselectronics.com

Wes-Garde Components Group Inc

190 Elliott Street, Hartford, CT 06114

Tel: (860) 525 6907
Fax: (860) 527 6047
Web Site: www.wesgarde.com

Master Distributors

1301 Olympic Blvd., Santa Monica CA 90404

Tel: (310) 452 1229
Fax: (310) 399 8600
Web Site: www.masterdistributors.com

Digi-Key

701 Brooks Avenue South, Thief River Falls, MN
56701

Tel: (800) 344 4539
Fax: (218) 681 3380
Email: sales@digkey.com
Web Site: www.digkey.com

Hawk Electronics

511 Glen Avenue, Wheeling, IL 60090

Tel: 800-843-4295
Fax: 847-459-4091
Email: sales@hawkusa.com
Web Site: www.hawkusa.com

UZBEKISTAN**Prosoft Ltd**

108 Profsoyuznaya str., Moscow 117437

Tel: + 7 095 234 0636
Fax: + 7 095 234 0640
Email: info@prosoft.ru
Web Site: www.prosoft.ru

Check the Bulgin website for the latest updates to Distributors and Representatives.

www.elektron-bulgin.com

Part No.	Series No.	Page No.	Part No.	Series No.	Page No.	Part No.	Series No.	Page No.
BVA	(All Nos.)	123-124	FX0285	F285	162	MPL034		177
BVB	(All Nos.)	123-124	FX0296	F296	155	MPL038		176
BX0001/1	B1/1	8	FX0296/S	F296/S	155	PF0001	PF1	80
BX0002/1	B2/1	8	FX0296/1	F296/1	155	PF0001/PC	PF1/PC	80
BX0003/1	B3/1	8	FX0321	F321	160	PF0002	PF2	80
BX0011/1	B11/1	8	FX0326	F326	161	PF0006	PF6	85
BX0012/1	B12/1	8	FX0327	F327	161	PF0007	PF7	85
BX0013/1	B13/1	8	FX0330	F330	158	PF0011	PF11	81
BX0016	B16	9	FX0331	F331	161	PF0011/PC	PF11/PC	81
BX0017	B17	9	FX0342	F342	158	PF0016	PF16	85
BX0018	B18	9	FX0345	F345	157	PF0030	PF30	82
BX0023	B23	9	FX0345/A	F345/A	157	PF0030/PC	PF30/PC	82
BX0026	B26	9	FX0354	F354	154	PF0033	PF33	82
BX0027	B27	8	FX0354/S	F354/S	154	PS00/A		132-133
BX0033	B33	11	FX0357	F357	150	PS00/B		134-135
BX0034	B34	10	FX0359	F359	150	PS01/A		132-133
BX0035	B35	10	FX0360	F360	160	PS01/B		134-135
BX0036	B36	11	FX0365	F365	157	PS02/A		136-137
BX0037	B37	11	FX0365/A	F365/A	157	PS02/B		138-139
BX0123		10	FX0367	F367	150	PS03/A		136-137
BXS001/1		7	FX0369/1	F369	150	PS03/B		138-139
BXS002/1		7	FX0369/2	F369	150	PS20/A		140-141
BXS003/1		7	FX0380	F380	162	PS21/A		140-141
BXS011/1		7	FX0385	F385	162	PS25/A		142-143
BXS012/1		7	FX0415	F415	152	PS25/B		144-145
BXS013/1		7	FX0415/S	F415/S	152	PS26/A		142-143
BXS016		7	FX0416	F416	152	PS26/B		144-145
BXS017		7	FX0416/S	F416/S	152	PX0400		40
BXS018		7	FX0417	F417	153	PX0401		40
BZH	(All Nos.)	117-121	FX0418/1	F418	153	PX0402		40
BZM	(All Nos.)	122	FX0418/2	F418	153	PX0407		71
BZV	(All Nos.)	108-116	FX0419	F419	156	PX0408		71
DX0505	D505	166	FX0430/28	F430	149	PX0409		71
DX0506	D506	166	FX0430/48	F430	149	PX0410/P or /S		40
DX0507	D507	167	FX0430/63	F430	149	PX0411/P or /S		40
DX0508	D508	167	FX0430/PC	F430	149	PX0412/P or /S		41
DX0998	D998	168	FX0442		159	PX0413/P or /S		41
DX0999	D999	168	FX0443		159	PX0413/P/PC or /S/PC41		
DX1090	D1090	169	FX0454	F454	151	PX0414/0M50		68
DX1091	D1091	169	FX0454/S	F454/S	151	PX0414/1M00		68
DX1092	D1092	169	FX0455	F455	151	PX0414/1M50		68
DX1093	D1093	169	FX0455/S	F455/S	151	PX0415/1		68
DX1116	D1116	170	FX0456	F456	158	PX0416/1M00		68
DX1117	D1117	170	FX0457	F457	158	PX0416/3M00		68
DX1118	D1118	170	FX0458/1	F458	151	PX0416/5M00		68
DX1119	D1119	170	FX0458/2	F458	151	PX0417		64
DX1120	D1120	168	FX0460	F460	149	PX0418		64
DX1121	D1121	168	FX0461	F461	158	PX0419		65
EXP-0911/02/P or S		15	FX0462	F462	156	PX0460		54
EXP-0911/03/P or S		15	FX0463	F463	156	PX0465		56
EXP-0911/04/P or S		15	KT0006	Kit 6	95	PX0441		59
EXP-0911/05/P or S		15	KT0009	Kit 9	95	PX0442		59
EXP-0911/07/P or S		15	KT0012	Kit 12	95	PX0444		59
EXP-0911/10/P or S		15	MP0012	MP12	194	PX0443		60
EXP-0921/02/P or S		15	MP0012/1	MP12/1	194	PX0446		60
EXP-0921/03/P or S		15	MP0013	MP13	188	PX0447		60
EXP-0921/04/P or S		15	MP0013/2		188	PX0456		60
EXP-0921/05/P or S		15	MP0016	MP16	194	PX0457		60
EXP-0921/07/P or S		15	MP0022	MP22	195	PX0458		60
EXP-0921/10/P or S		15	MP0025		174	PX0464		60
EXP-0931/02/P or S		16	MP0025/2		186	PX0480		41, 61, 68
EXP-0931/03/P or S		16	MP0025/3		184	PX0480/BK		65
EXP-0931/04/P or S		16	MP0027		174	PX0480/1		41
EXP-0931/05/P or S		16	MP0027/2		186	PX0481		41, 68
EXP-0931/07/P or S		16	MP0027/3		184	PX0482		41
EXP-0931/10/P or S		16	MP0031		175	PX0483		41
EXP-0941/02/P or S		16	MP0031/2		187	PX0484		41, 61
EXP-0941/03/P or S		16	MP0031/3		185	PX0485		41, 61, 68
EXP-0941/04/P or S		16	MP0033		188	PX0485/BK		65
EXP-0941/05/P or S		16	MP0033/2		188	PX0575	P575	77
EXP-0941/07/P or S		16	MP0034		175	PX0575/PC	P575/PC	77
EXP-0941/10/P or S		16	MP0034/2		187	PX0578		88
EXP-0990		16	MP0034/3		185	PX0579	P579	78
EXP-0991		16	MP0037		175	PX0580	P580	78
EXP-A911/02/P or S		15	MP0037/2		187	PX0580/PC	P580/PC	79
EXP-A911/03/P or S		15	MP0037/3		185	PX0580/PC/7		79
EXP-A911/04/P or S		15	MP0038		174	PX0580/PC/7LC		79
EXP-A911/05/P or S		15	MP0038/2		186	PX0587	P587	76
EXP-A911/07/P or S		15	MP0038/3		184	PX0587/SE	P587/SE	76
EXP-A911/10/P or S		15	MP0042		189	PX0588	P588	76
EXP-A921/02/P or S		15	MP0045		190-193	PX0590	P590	83
EXP-A921/03/P or S		15	MP0050		183	PX0591		94
EXP-A921/04/P or S		15	MPB031		182	PX0592		94
EXP-A921/05/P or S		15	MPB037		182	PX0594		94
EXP-A921/07/P or S		15	MPB038		182	PX0595	P595	83
EXP-A921/10/P or S		15	MPD031		178	PX0596		93
FX0180	F180	162	MPI001		179, 181	PX0597	P597	83
FX0185	F185	162	MPI002		180, 181	PX0598		93
FX0267	F267	160	MPL025		176	PX0599		93
FX0280	F280	162	MPL027		176	PX0675	P675	89
			MPL031		177	PX0675/PC		89

Part No.	Series No.	Page No.	Part No.	Series No.	Page No.	Part No.	Series No.	Page No.
PX0685	P685	86	PX0833/E		47	PXD701/561/10/1		103
PX0686	P686	86	PX0834/A		47	PXD703/061/10/1		103
PX0686/SE		86	PX0834/B		47	PXD703/561/10/1		103
PX0690	P690	84	PX0835		49,56,65	PXD706/061/10/1		103
PX0691	P691	84	PX0836		47	SA2800		37
PX0691/PC	P691/PC	84	PX0837		47	SA3147	SA3147	37
PX0695	P695	90	PX0838		47	SA3148	SA3148	37
PX0695/PC	P695/PC	90	PX0839/90		48	SA3148/1	SA3148/1	37
PX0705	P705	92	PX0839/IDC		49	SA3149	SA3149	37
PX0707/P or S		29	PX0839/PC		48	SA3149/1	SA3149/1	37
PX0708/P or S		28	PX0840		53	SA3150	SA3150	37
PX0709/P or S		28	PX0841		53	SA3157	SA3157	37
PX0711		31,49,56	PX0842		54	SA3157/1	SA3157/1	37
PX0716		87	PX0843		54	SA3159	SA3159	37
PX0717		88	PX0844		54	SA3159/1	SA3159/1	37
PX0718		87	PX0845		55	SA3179	SA3179	30,42
PX0725	P725	92	PX0846		64	SA3179/1	SA3179/1	30,42
PX0727/P or S	P727/P or S	28	PX0847		65	SA3180	SA3180	30,42
PX0728/P or S	P728/P or S	27	PX0848		55	SA3180/1	SA3180/1	30,42
PX0729/P or S	P729/P or S	27	PX0849		55	SA3229		37
PX0730/P or S	P730/P or S	28	PX0851		64	SA3230		37
PX0731/P or S	P731/P or S	27	PX0852		56	SA3241		37
PX0732/P or S	P732/P or S	27	PX0870		48	SA3242		37
PX0733	P733	31,49,56,65	PX0870/E		48	SA3243		37
PX0734	P734	31	PX0884		72	SA3244		37
PX0735/P or S	P735/P or S	28	PX0885		72	SA3253		30
PX0736/P or S	P736/P or S	27	PX0888		49	SA3319		37
PX0737/P or S	P737/P or S	27	PX0911/02/P or /S		21	SA3320		37
PX0738/P or S	P738/P or S	28	PX0911/03/P or /S		21	SA3347		30,42
PX0739/P or S	P739/P or S	27	PX0911/04/P or /S		21	SA3347/1		30,42
PX0740/P or S	P740/P or S	27	PX0911/05/P or /S		21	SA3348		30,42
PX0741/S/50Ω	P741/S/50Ω	28	PX0911/07/P or /S		21	SA3348/1		30,42
PX0741/S/75Ω	P741/S/75Ω	28	PX0911/10/P or /S		21	SA3349		42
PX0742/P/50Ω	P742/P/50Ω	27	PX0921/02/P or /S		21	SA3349/1		42
PX0742/P/75Ω	P742/P/75Ω	27	PX0921/03/P or /S		21	SA3350		42
PX0743/S/50Ω	P743/S/50Ω	27	PX0921/04/P or /S		21	SA3350/1		42
PX0743/S/75Ω	P743/S/75Ω	27	PX0921/05/P or /S		21	SA3426		30,38
PX0744/P or S	P744/P or S	28	PX0921/07/P or /S		21	VS0001	VS1	196
PX0745/P or S	P745/P or S	27	PX0921/10/P or /S		21	VS0002	VS2	196
PX0746/P or S	P746/P or S	27	PX0931/02/P or /S		22	9820		163
PX0747/P or S	P747/P or S	28	PX0931/03/P or /S		22	11327		163
PX0748/P or S	P748/P or S	27	PX0931/04/P or /S		22	11328		97
PX0749/P or S	P749/P or S	27	PX0931/05/P or /S		22	11987		97
PX0756/P or S	P756/P or S	29	PX0931/07/P or /S		22	12023		30,38
PX0757/P or S	P757/P or S	29	PX0931/10/P or S		22	12023/1		30,38
PX0758/P or S	P758/P or S	29	PX0941/02/P or /S		22	12023/2		30,38
PX0759/S/50Ω	P759/S/50Ω	29	PX0941/03/P or /S		22	12023/5		30
PX0759/S/75Ω	P759/S/75Ω	29	PX0941/04/P or /S		22	12075		97
PX0760/P or S	P760/P or S	29	PX0941/05/P or /S		22	12237		31
PX0761/P or S	P761/P or S	29	PX0941/07/P or /S		22	12297		163
PX0762/P or S	P762/P or S	29	PX0941/10/P or S		22	12734		37
PX0763/S/50Ω	P763/S/50Ω	29	PX0950		23	12734/1		37
PX0763/S/75Ω	P763/S/75Ω	29	PX0960		23	12734/3		37
PX0764/P or S	P764/P or S	29	PX0970		23	12734/3/1		37
PX0765/P or S	P765/P or S	29	PX0980		23	12735		37
PX0766/P or S	P766/P or S	29	PX0990		23	12735/1		37
PX0767/P or S	P767/P or S	29	PX0991		23	12735/3		37
PX0768/P or S	P768/P or S	29	PX0992		23	12735/3/1		37
PX0769/P or S	P769/P or S	29	PXA911/02/P or /S		21	12760		163
PX0776/P or S		27	PXA911/03/P or /S		21	12855		31
PX0778/P or S		27	PXA911/04/P or /S		21	13027		30,42
PX0779/P or S		28	PXA911/05/P or /S		21	13027/1		30,42
PX0777	P777	34	PXA911/07/P or /S		21	13027/2		42
PX0777/CAT5ESTP		51	PXA911/10/P or /S		21	13027/3		30
PX0777/STP		51	PXA921/02/P or /S		21	13170		30
PX0777/UTP		51	PXA921/03/P or /S		21	13826		30
PX0783	P783	91	PXA921/04/P or /S		21	14025		30,42
PX0787/P or S		29	PXA921/05/P or /S		21	14025/1AMP		42
PX0781/P or S		29	PXA921/07/P or /S		21	14025/5AMP		30,42
PX0793	P793	91	PXA921/10/P or /S		21	14025/8AMP		42
PX0794/P or S		27	PXA980		23	14064		97
PX0795/P or S		27	PXD100/050/01/1		100	14150		49
PX0796/P or S		28	PXD200		102	14151		49
PX0797/P or S		29	PXD201		102	14191		56,61,65
PX0798/P or S		29	PXD201/01		102	14192		56,61,65
PX0799		31	PXD201/02		102	14193		56
PX0800	P800	36	PXD301/050/01/1		100	14194		56
PX0801	P801	36	PXD301/050/07/1		100	14199		49
PX0802	P802	36	PXD301/050/08/1		100	14228		96
PX0803	P803	36	PXD301/550/01/1		100	14232		30
PX0804	P804	36	PXD301/550/07/1		100	14232/1		30
PX0805	P805	36	PXD301/550/08/1		100	14277		96
PX0810	P810	37	PXD303/050/01/1		100	14317		96
PX0811	P811	37	PXD303/050/07/1		100	14319		68
PX0812		38	PXD303/050/08/1		100	14340		96
PX0820/P or S		27	PXD303/550/01/1		100	14358		65
PX0821/P or S		27	PXD303/550/07/1		100	14359		65
PX0822/P or S		28	PXD303/550/08/1		100	14563		61
PX0823/P or S		29	PXD306/050/01/1		100	14564		61
PX0824/P or S		29	PXD500/061/10/1		103			
PX0833		47	PXD701/061/10/1		103			

0	
400 Series Buccaneer	29-44
900 Series Buccaneer	20-25

A	
Appliance Couplers	
EN60 320-1	76-85,93
Appliance Outlets	
EN60 320-2-2	86-92,94
Approvals	197-199
Accessories	
Buccaneer 400 Series	41
Buccaneer 900 Series	23
Buccaneer Ethernet	49
Buccaneer FireWire	65
Buccaneer Mini	37-38
Buccaneer Mini USB	61
Buccaneer SMB	68
Buccaneer Standard	30-31
Buccaneer USB	56
EN60 320 Connectors	95-97
EXPLora	16
Fuseholders	163
Antenna	71
ATEX Zone 2 Connectors	13-16

B	
Backshell	31
Battery Holders	
IP67 Sealed	7
Panel Mounting	8-9
PCB/Base Mounting	10-11
Bezels, Power Inlet/Outlets	
Horizontal, Snap fit	117-121
Vertical, Snap fit	108-116
Vertical, Flange screw fixing	123-124
Bluetooth Cable Replacement	72
BNC Inserts	
Mini Buccaneer	37
Standard Buccaneer	27-28
Brass Chrome Plated Vandal Resistant Switches	182
Buccaneer Waterproof Connectors	
Data	19-44
Power	45-72
Blanking plugs	37

C	
Cable Mounting Connectors	76,83,86,93
Cable Replacement - Bluetooth	72
Captive Carrier Fuseholders	149-158
Circuit Protection	
Fuseholders	147-163
Class I Connectors	76-83,86-91,93-94
Class II Connectors	84-85,92
Clips, Retaining	95

Connectors	
ATEX Zone 2	13-16
Buccaneer 400 Series	39-40
Buccaneer 900 Series	20-25
Buccaneer Cable Joiner	34
Buccaneer FireWire	63-66
Buccaneer Ethernet	46-51
Buccaneer Mini	35-38
Buccaneer Mini USB	58-62
Buccaneer SMB	67-69
Buccaneer Standard	26-34
Buccaneer USB	52-57
Buccaneer Wireless	70-72
Cable Mounting	76,83,86,93
EN60 320-1	76-85,87,93
EN60 320-2-2	86-92,94
EXPLora	13-18
Filtered	131-145
Fused	80-82,85
PCB Mounting	29,41,48,55,77,79-82,84,89-90
Polyflange Power Inlet Modules	123-124
Polysnap Power Inlet Modules	
Horizontal	117-122
Vertical	108-116
Rewirable	76-83,86,93
Sealed	19-69
Waterproof	19-69

Contacts, Buccaneer	
400 Series	42
Mini	37
Standard	30
Contacts Carriers/Inserts, Mini Buccaneer	
Crimp/Solder Contacts	37
Screw Terminal	37
Contact Insertion Tools	30, 37,42
Cord Sets	
Ethernet	47
FireWire	64
Mini USB	59
SMB	68
USB	53
Covers - Insulating	
Fuse	163
Inlets	96,97
Outlets	96,97
Crimp Tools	30,37,42,49

D	
Diodes, Light Emitting	165-172
Distribution Boxes	
Compact	102
Panel	100-101
Rectangular	100-102
Square	103
Switched	100,101,103
Distributors	202-207
Domed Vandal Resistant Switches	184-185

E	
EMC Filtering	131-145
EMI Mains Filters	131-145
EN60 320-1 Appliance Couplers	76-85,93
EN60 320-2-2 Appliance Couplers	86-92,94
Ethernet Buccaneer Waterproof	
Connectors	46-51
EXPLora Zone 2 Connectors	13-16

F	
Filters, Mains	
Base Mounting	136-139
Bulkhead Mounting	136-139
Fused	
Single	140-141
Twin	142-145
Medical	142-145
Panel Mounting	132-135,140-145
Polysnap	125-129
FireWire Buccaneer	63-66
Fuse Cover	163
Fused Inlets	80-82,85
Fuseholders	
5 x 20mm	149-151,154-160,162
6.3 x 32mm	152,161,162
6.3 x 25mm	152,153,156,161,162
Accessories	163
Base Mounting	160-161
Captive Carrier	149,158
Drawer	149
In-Line	162
IP66 Sealed	157, 162
IP68 Sealed	156
Panel Mounting	147-155
P.C.B. Mounting	158-160
Sealed	156,157,162
Snap-fit	149-151,153
Touchproof	149-155,156
Waterproof	156-157,162

G	
Glands/Gland Packs:	
Buccaneer 400 Series	41
Buccaneer 900 Series	23
Buccaneer Mini	38
Buccaneer Standard	30
EXPLora	16

I	
IEC Distribution Boxes	99-103
IEC Inlet/Outlet Modules	87-88
Illuminated Switches	179-181
Indicators	
L.E.D.	165-171
Sealed	166,167,169
Vandal Resistant L.E.D.	166-167
Insertion Tools	30,37,42
Insulation Boots	
Connectors	96-97
Fuseholders	163
International Distributors	203-207
IP Ratings Guide	200
IP66 Rated	
Fuseholders	157
Indicators	169
Switches	174-179,181-182,184-187
IP67 Rated	
Battery Holders	7
Indicators	166-167

IP68 Rated
 Antenna 71
 Buccaneer 400 Series 39-44
 Buccaneer 900 Series 20-25
 Buccaneer Cable Joiner 34
 Buccaneer Ethernet 46-51
 Buccaneer FireWire 63-66
 Buccaneer Mini 35-38
 Buccaneer Standard 26-34
 Buccaneer SMB 67-69
 Buccaneer USB 52-57
 Cable Replacement 72
 Fuseholders 156
 Switches 175,182-183,185,187
 Wireless 70-72

H
 Hazardous Area Connectors 13-16

L
 Latching Vandal Resistant Switches 176-177
 LED
 Indicators 166-167
 Vandal Resistant Indicators 179-181
 Low Profile Vandal Resistant Switches 174-183

M
 Mains Filters
 Base Mounting 136-139
 Bulkhead Mounting 136-139
 Fused
 Single 140-141
 Twin 142-145
 Medical 144-145
 Panel Mounting 132-135,140-145
 Polysnap 125-129
 Mains Inlets
 C13 Type 76
 C14 Type 77-82
 C15 Type 83
 C16 Type 83
 C18 Type 84-85
 C19 Type 93
 C20 Type 93
 Class I 76-83,86-91,93-94
 Class II 84-85,92
 Filtered 132-135,140-145
 Flange Mount 78-80,82-85
 Fused
 Single 80-81,85
 Twin 82
 PC Mount 77,79-82,84
 Snap-fit 77,81-85
 Vertical Flange Mount 78
 Mains Inlet Modules 105-129
 Mains Outlets
 Class I 87-91,94
 Class II 92
 Five way 87-88
 Four way 87-88
 Flange Mount 88-89,91-92,94
 PC Mount 89-90
 Shuttered 91
 Seven way 87-88
 Six way 87-88
 Snap-fit 87-88,90-92,94
 Three way 87-88
 Two way 87-88
 Mini Buccaneer 35-38
 Mini USB Buccaneer 58-62

O
 Opto
 LED Indicators 166-168
 Vandal Resistant LED Indicators 166-167
 Overmoulded Cable Assemblies
 400 Series Buccaneer 40
 Ethernet Buccaneer 47
 FireWire 64
 Mini USB Buccaneer 59
 Standard Buccaneer 27
 USB Buccaneer 53

P
 PCB Mounting
 400 Series Buccaneer 41
 Battery Holders 10-11
 Connectors 29,41,48,55,77,79-82,84,89-90
 Ethernet Buccaneer 48
 Fuseholders 158-160
 Mini USB 60-61
 Standard Buccaneer 29
 USB Buccaneer 55
 Plugs & Sockets
 EN60 320-1 76-85,87,93
 EN60 320-2-2 86-92,94
 Filtered 132-135,140-145
 Fused 80-82,85
 PCB Mounting 29,41,48,55,77,79-82,84,89-90
 Snap-fit 77,81-85,87-88,90-92,94
 Waterproof 13-44
 Polarising/Blanking Pins 37
 Polyflange Power Inlet Modules
 Side fixing 123-124
 Top fixing 123-124
 Polysnap Power Inlet Modules
 Horizontal 117-122
 Vertical 180-116
 Prominent Vandal Resistant Switches 186-187
 Push Button Switches 188-195

R
 Retaining Clips (Connectors) 95
 RJ45 Waterproof Connectors 46-51
 RS232 Cable Replacement 72

S
 Sealed
 Battery Holders 7
 Connectors 13-69
 Fuseholders 152,157,162
 LED Indicators 166-167,169
 Switches 174-187
 Sealing Caps, Buccaneer
 400 Series 41
 900 Series 23
 Ethernet 49
 EXPLORA 16
 FireWire 65
 Mini 37
 Mini USB 61
 SMB 68
 Standard 31
 USB 56
 Security Switches 174-187
 Selector, Voltage 196
 SMB Buccaneer 67-69
 SMB Antenna 71

Snap-fit
 Fuseholders 149-151,153
 IEC Inlets 77,81-85
 IEC Outlets 87-88,90-92,94
 Switches
 Pushbutton 188-195
 Security 174-187
 Vandal Resistant
 Brass, Chrome Plated 182
 Domed 184-185
 Illuminated 179-181
 Latching 176-177
 Low Profile 174-183
 Voltage Selector 196
 Waterproof 174-187
 Standard Buccaneer 27-34

T
 Tools
 Crimp 30,37,44,49
 Insertion 30,37,42
 Touchproof Fuseholders 149-153,156
 Through Panel Sealed
 Illuminated Switches 181
 USB Buccaneer 54

U
 USB Buccaneer Waterproof
 Connectors 52-57

V
 Vandal Resistant
 LED Indicators 166-137
 Switches 174-187
 Voltage Selectors 196

W
 Waterproof
 Antenna 71
 Battery Holders 7
 Circular Connectors 45-72
 Ethernet Connectors 46-51
 FireWire Connectors 63-66
 Fuseholders 156,157,162
 LED Indicators 166-167,169
 Switches 174-187
 SMB Connectors 67-69
 USB Connectors 52-57
 USB - Mini Connectors 58-62
 Wireless Buccaneer 70-72

Z
 Zone 2 Connectors 13-16
 Zone 22 Connectors 13-16

GENERAL INFORMATION

Terms and Conditions of Sale

All orders are accepted subject to our Standard Terms & Conditions. Copies of these are available:
www.elektron-technology.com/terms/

Health & Safety

Bulgin proprietary components are designed, manufactured, assessed and tested to comply with good commercial quality and engineering standards. They are safe and reliable in use within the vast majority of normal environments. In the interest of safety, application in certain extreme destructive or unsuitable environments must be avoided. The following restrictions are given as guidance:

- External or wet areas (exposed to rain or spray), except where designated "Sealed".
- Atmospheres designated as "explosive", except where designated "Gas Tight" or "Explosion Proof".
- Highly corrosive atmospheres or subject to contamination by corrosive chemicals. (Avoid the use of corrosive acid soldering flux. Use an approved Electrical Grade).
- Atmospheres containing a high density of abrasive dust (mechanically operated components).
- Contamination with Silicone or Silicone Compounds (switches).
- Areas or levels unprotected from severe impact by heavy bodies moving in close proximity - (panel mounted components).
- Extremes of temperatures, beyond the specified limits.
- Electric supply voltage or load current above the published maximum ratings.

General

To ensure electrical safety as far as is reasonably practical, these products should be properly applied, installed and maintained by or under the supervision of competent persons in accordance with good engineering practice.

Dimensions

All dimensions are in millimetres (mm) unless otherwise stated.

The CE Marking Directive

Equipment bearing the CE mark is allowed free circulation throughout Europe. The products in this catalogue, when installed correctly, comply with the CE requirements where it relates to them.

The Low Voltage Directive

The Low Voltage Directive 2006/95/EC seeks to ensure that electrical equipment within certain limits both provides a high level of protection for European citizens and enjoys a single market in the European Union. Where applicable, Bulgin products comply with the requirements of this directive.

RoHS

These European Directives introduced environmental responsibilities for electrical and electronics equipment manufacturers. The RoHS (Restriction of use of certain Hazardous Substances) regulation (Directive 2002/95/EC) came into force July 2006. The WEEE (Waste Electrical and Electronic Equipment) regulation (Directive 2002/96/EC), came into force January 2007.

The RoHS directive effectively bans the use of certain chemicals, these are defined as:

- Lead
- Cadmium
- Mercury
- Hexavalent Chromium
- Polybrominated Biphenyl (PBB) - flame retardant
- Polybrominated Diphenyl Ether (PBDE) - flame retardant (including Deca BDE)

Action has been taken to ensure all standard products meet the requirements of this directive. All packing carries RoHS compliance information as conformation.

REACH

REACH (Registration, Evaluation, Authorisation and Restriction of Chemicals) is the new system for controlling chemicals in Europe and became law in the UK on 1 June 2007. Elektron Technology as a manufacturer of articles, are reliant on our supply chain to ensure that the substances/articles we use, are in compliance with the EC1907/2006, REACH Regulations.

Our articles and their packaging, based on our knowledge at this point, do not contain any of the 15 substances on the SVHC Candidate List, dated 28th October 2008, nor any of the 14 substances added to the SVHC Candidate List, dated 13th January 2010, nor Acrylamide added to the SVHC Candidate List, dated 30th March 2010, according to article 59 (1, 10) of Regulation (EC) No. 1907/2006 (REACH), in a concentration above 0.1% weight by weight.

If this situation changes we confirm that this information will be passed through the supply chain in a timely manner.