

Lightning and surge protection

VSPC 1CL 12VDC

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com



Analogue signal / CL (current loop) protection includes the following signals:

- Signals from current loops (analogue measurements of transmitters over long distances) 4-20 mA, 0-20 mA, etc.
- Two-wire, three-wire and four-wire, without a common reference potential
- for example: fill-level measurement signals from voltage transmitters (analogue measurements of transmitters over short distances) 0-10 V, PT 100 etc.; for example: temperature measurements
- Pluggable arrester, with no-interrupt and impedance-neutral plug-in and pull-out
- Can be tested with the V-TEST testing device
- Space-saving design for 2 analogue signals
- Version with floating-earth PE connection used to avoid differences in voltage potential
- Can be used in compliance with the IEC 62305 (D1, C1, C2 and C3) installation standard
- Integrated PE foot, safely discharges up to 20 kA (8/20 μ s) and 2.5 kA (10/350 μ s) to PE
- Quick identification in the electrical cabinet with coloured labelling of the voltage levels
- Coding element for the different voltage levels provides safety

General ordering data

Type	VSPC 1CL 12VDC
Order No.	8924450000
Version	Lightning and surge protection, Surge protection for instrumentation and control, 12 V, 450 mA, IEC 61643-21
GTIN (EAN)	4032248696086
Qty.	1 pc(s).

Lightning and surge protection

VSPC 1CL 12VDC

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Technical data

Dimensions and weights

Width	17.8 mm	Height	90 mm
Depth	69 mm	Net weight	41 g

Temperatures

Humidity	5...96 %	Operating temperature	-40 °C...70 °C
Storage temperature	-40 °C...80 °C		

Probability of failure

λ_{ges}	45	MTTF	2,537 Years
PFH in $1 \cdot 10^{-9}$ per hour	1.95	SFF	95.67 %
SIL in compliance with IEC 61508	3		

PA53 IPProtection level

Protection level, U_p GND - PE	650 V	Protection level, U_p wire - PE	450 V
Protection level, U_p wire - wire	25 V		

CSA protection data

Gas group C	IIB	Gas group D	IIA
Gas groups A, B	IIC	Input voltage, max. U_i	15 V
Internal capacity, max. C_i	1 nF	Internal inductance, max. L_i	0 μ H

General data

Colour	Arrester red	Optical function display	No
Protection degree	IP 20	Segment	Instrumentation and Control
UL 94 flammability rating	V-0		

Insulation coordination acc. to EN 50178

Pollution severity	2	Surge voltage category	III
--------------------	---	------------------------	-----

Interference voltage

Protection level U_p (typ.)	< 650 V	Protection level on output side Wire-PE	450 V
Protection level on output side Wire-wire		1kV/ μ s, typically	
1 kV/ μ s, typically	25 V	Protection level on output side Wire-wire	25 V
Protection level, U_p GND - PE	650 V	8/20 μ s, typically	

Protective elements

Optical function display	No
--------------------------	----

Lightning and surge protection

VSPC 1CL 12VDC

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Technical data

Technical data

Discharge current $I_{\max}$ (8/20 μ s) GND-PE	10 kA	Discharge current $I_{\max}$ (8/20 μ s) wire-PE	10 kA
Discharge current $I_{\max}$ (8/20 μ s) wire-wire	10 kA	Discharge current I_n (8/20 μ s) GND-PE	2.5 kA
Discharge current I_n (8/20 μ s) wire-PE	2.5 kA	Discharge current I_n (8/20 μ s) wire-wire	2.5 kA
Fuse, max.	0.5 A	Humidity	5...96 %
Lightning test current I_{imp} (10/350 μ s) [L-PE]	2.5 kA	Lightning test current I_{imp} (10/350 μ s)	2.5 kA
Lightning test current I_{imp} (10/350 μ s) [N-PE]	2.5 kA	Lightning test current, I_{imp} (10/350 μ s) GND-PE	2.5 kA
Lightning test current, I_{imp} (10/350 μ s) Wire-PE	2.5 kA	Lightning test current, I_{imp} (10/350 μ s) wire-wire	2.5 kA
Max. continuous voltage, U_c (DC)	15 V	Overload - failure mode	Modus 2
Protection level U_p (typ.)	< 650 V	Protection level on output side Wire-wire 8/20 μ s, typically	25 V
Pulse-reset capacity	≤ 20 ms	Rated current I_N	450 mA
Rated voltage (DC)	12 V	Rated voltage (DC), max.	15 V
Requirements category acc. to IEC 61643-21	C1, C2, C3, D1	Signal transmission properties (-3 dB)	1.7 MHz
Standards	IEC 61643-21	Surge current-carrying capacity C1	< 1 kA 8/20 μ s
Surge current-carrying capacity C2	5 kA 8/20 μ s	Surge current-carrying capacity C3	100 A 10/1000 μ s
Surge current-carrying capacity D1	2.5 kA 10/350 μ s	Voltage type	DC
Volume resistance	2.20 Ω		

Further details of approvals

GOST certificate	GOST-Zertifikat
------------------	-----------------

Connection data

Type of connection	Pluggable in VSPC BASE
--------------------	------------------------

Rated data UL

Certificate No. (UL)	E311081	UL certificate	UL 497b Certificate
----------------------	---------	----------------	---------------------

Ratings IECEx/ATEX/cUL

cUL certificate	cUL Certificate
-----------------	-----------------

Classifications

ETIM 3.0	EC000943	ETIM 4.0	EC000381
ETIM 5.0	EC000381	ETIM 6.0	EC000381
UNSPSC	30-21-19-21	eClass 5.1	27-13-08-01
eClass 6.2	27-13-08-02	eClass 7.1	27-13-08-02
eClass 8.1	27-13-08-02	eClass 9.0	27-13-08-02

Product information

Descriptive text technical data	The associated VSPC base element should be ordered with this. The dimension information provided refers to the complete module.
Descriptive text accessories	EMC Set: 1067470000 Marker: DEK 5

Lightning and surge protection VSPC 1CL 12VDC

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Technical data

Approvals

Approvals



ROHS

Conform

Probability of failure

SIL PAPER

[SIL Paper](#)

[3-D model](#)

Downloads

Package insert

[Instruction Sheet](#)

SIL PAPER

[SIL Paper](#)

Declaration of Conformity

[CE document](#)

EPLAN

[8924450000.ema](#)

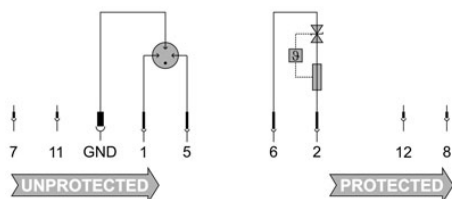
Selection matrix

[Preference selection VSPC](#)

[3-D model](#)

Lightning and surge protection
VSPC 1CL 12VDC

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Drawings
Electric symbol


Circuit diagram

Cate- gory	Testing pulse	Surge voltage	Surge current	Pulse	Type
C1	Quick- rising edge	0.5 - 2 kV with 1.2/50 µs	0.25 - 1 kA mit 8/20 µs	300	Surge voltage arrester
C2	Quick- rising edge	2 - 10 kV with 1.2/50 µs	1 - 5 kA mit 8/20 µs	10	Surge voltage arrester
C3	Quick- rising edge	≥ 1 kV with 1 kV/µs	10 - 100 A mit 10/10000 µs	300	Surge voltage arrester
D1	High power	≥ 1 kV	0.5 - 2.5 kA mit 10/350 µs	2	Arrester for lightning current and surge voltages

Discharge capacity



Lightning and surge protection

VSPC 1CL 12VDC

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Mating connector (fully pluggable)

Direct earthing



Base element for the pluggable VSPC arrester, integrated PE foot in impedance-neutral VSPC BASE. Can safely discharge up to 20 kA (8/20 µs) and 2.5 kA (10/350 µs) to the PE.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
VSPC BASE 1CL	8924730000	Lightning and surge protection, Surge protection for instrumentation and control, IEC 61643-21, IEC 62305, DIN EN 60079-0:2009, DIN EN 60079-11:2007, DIN EN 60079-26:2007, DIN EN 61241-11:2006	4032248696376	1 pc(s).

Indirect earthing / floating ground via sparkover gap, also suitable for EX ia applications



Base element for the pluggable VSPC arresters. Integrated PE foot in the base of the impedance-neutral VSPC BASE and **floating earth PE connection (FG)** via integrated **sparkover gap**, safely discharges up to 20 kA (8/20 µs) and 2.5 kA (10/350 µs) to PE. Suitable for unearthed signal circuits.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
VSPC BASE 1CL FG	8924290000	Lightning and surge protection, Surge protection for instrumentation and control, IEC 61643-21, IEC 62305, DIN EN 60079-0:2009, DIN EN 60079-11:2007, DIN EN 60079-26:2007, DIN EN 61241-11:2006	4032248695935	1 pc(s).

Lightning and surge protection

VSPC 1CL 12VDC

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Accessories

V-TEST testing device: for the VSPC, PU I and PU II series

V-TEST

- Testing device for checking the protective function of the pluggable overvoltage protection PU I, PU II and VSPC series
- Device for implementing the IEC 62305 standard (regarding periodic testing)
- Easy-to-use device with integrated battery set for on-site measurements
- LCD results display
- Menu in two languages
- Including a protective bag and power supply
- User friendly navigation in German and English

The V-TEST is a compact, portable test instrument for the plug-in surge protectors VARITECTOR (VSPC) and the surge protectors for the power supply line PU I and PU II. Using this instrument Weidmüller overvoltage protectors can be tested for their protective function in line with the testing schedules laid down in IEC 62305-3 (DIN VDE 0185 part 3). In a display with background illumination, the test result is indicated with "OK" or "Not OK".

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
V-TEST	8951860000	Lightning and surge protection	4032248743100	1 pc(s).

Direct earthing



Base element for the pluggable VSPC arrester, integrated PE foot in impedance-neutral VSPC BASE. Can safely discharge up to 20 kA (8/20 µs) and 2.5 kA (10/350 µs) to the PE.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
VSPC BASE 1CL	8924730000	Lightning and surge protection, Surge protection for instrumentation and control, IEC 61643-21, IEC 62305, DIN EN 60079-0:2009, DIN EN 60079-11:2007, DIN EN	4032248696376	1 pc(s).

Lightning and surge protection

VSPC 1CL 12VDC

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Accessories

60079-26:2007, DIN EN
 61241-11:2006

Plus



The Dekafix (DEK) marker is the universal marker for all conductor and plug-in connectors as well as for electronic sub-assemblies. The system is ideal for short number sequences and covers a wide range of ready-printed markers.

Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- Large range of ready-to-use markers
- Strips for fast installation
- Connector markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
DEK 5/5 PLUS	1854490000	Dekafix, Terminal marker,	4032248393596	1,000 pc(s).
MC NE WS		5 x 5 mm, Pitch in mm (P):		
		5.00 Weidmueller, White		

Retaining clip



The interlock mechanism on the VSPC Series pluggable arrester delivers extra reliability and an improved permanent contact under strong vibrating conditions.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
VSPC	1317340000	Lightning and surge	4050118121179	100 pc(s).
LOCKING CLIP		protection, Surge protection		
		for instrumentation and		
		control		

Addresses worldwide

Let's connect.

AE United Arab Emirates

Weidmüller Middle East FZE
Warehouse Q3-79
SAIF-Zone
P.O. BOX 8591
Sharjah
Telephone number +971 65572723
Fax number +971 65572724
wme.info@weidmueller.com

AO Angola

Please contact
Phambili Interface
South Africa

AR Argentina

CPI SA
Bauness 2660
C1431DOF Buenos Aires
Telephone number +54 11 4523 8008
Fax number +54 11 4522 0546
info@cpi.com.ar
www.cpi.com.ar

AT Austria

Weidmüller GmbH
IZ NOE Süd Straße 2b, Obj
M 59
2355 Wiener Neudorf
Telephone number +43 2236 67080
Fax number +43 2236 6708-899
office.at@weidmueller.com
www.weidmueller.com

AU Australia

Weidmüller Pty. Ltd.
PO BOX 6944
Huntingwood 2148
Huntingwood Drive 43
Huntingwood NSW 2148
Telephone number +61 2 9671 9999
Fax number +61 2 9671 9911
info@weidmuller.com.au
www.weidmuller.com.au

AZ Azerbaijan

Representative Office
Rashad Mahmudov
Demirchi Tower, 4th floor
37, Khojali ave.
AZ 1025 Baku
Telephone number +994 12 488 80 36
Fax number +994 12 488 80 37
rashad.mahmudov@weidmueller.com

BA Bosnia and Herzegovina

Please contact
our Representative Office
Weidmüller Interface GmbH
& Co. KG
Serbia

or

BIG electric d.o.o
Mladena Stojanovića 117A
78000 Banja Luka
Telephone number +387 51926277
Fax number +387 51926277
bigelectric@blic.net
www.bigelectric.ba

BE Belgium

Weidmüller Benelux B. V.
Mechelsesteenweg 519 bus
6 en 7
1930 Nossegem
Telephone number +32 2 752 40 70
Fax number +32 2 751 36 06
info@weidmueller.be
www.weidmueller.be

BG Bulgaria

Weid-Bul EOOD
Bul. "Kliment Ohridski" 13
1756 Sofia
Telephone number +359 2 963 2560
Fax number +359 2 963 1098
sofia@weidbul.com
www.weidbul.com

BH Bahrain

Khayber Trading Company
P.O Box 1976
Manama
Telephone number +973 720747
Fax number +973 720331
khayber@batelco.com.bh

BR Brazil

Weidmüller Conexel do Brasil
Conexões Elétricas Ltda.
Av. Presidente Juscelino, 642
- Piraporinha
Diadema, São Paulo
09950-370
Telephone number +55 (11) 4366-9600
Fax number +55 (11) 4362-1677
vendas@weidmueller.com.br
www.weidmueller.com.br

BW Botswana

Please contact
Phambili Interface
South Africa

BY Belarus

TECHNIKON Ltd.
Nezavisimosti pr. 177-9
220125 Minsk
Telephone number +375 17 393-11-77
Fax number +375 17 3930080
wm@technikon.by

CA Canada

W Interconnections Canada
Inc.
10 Spy Court
Markham Ontario L3R 5H6
Telephone number +1 (905) 475-1507 Ext. 9836
Fax number +1 (905) 475-2798
support@weidmuller.ca
www.weidmuller.ca

CG Congo

Please contact
Phambili Interface
South Africa

CH Switzerland

Weidmüller Schweiz AG
Rundbuckstraße 2
8212 Neuhausen am
Rheinfall SH
Telephone number +41 52 674 07 07
Fax number +41 52 674 07 08
info@weidmueller.ch
www.weidmueller.ch

CL Chile

ATS- INTECH
Maria Luisa Santander 0475
Santiago
Providencia 7500859
Telephone number +56 2 341 1271
Fax number +56 2 341 1275
felipe@atsintech.com
www.atsintech.com

CPI CHILE LTDA
Av. Presidente Frei Montalva
6001, 47 complejo el cortijo
Santiago - Conchalí
Telephone number +562 963 8440
Fax number +562 963 8440
cpi@cpichile.cl
www.cpichile.cl

CN China

Weidmüller Interface
(Shanghai) Co. Ltd.
100 Yutong Road
25 F. BM Intercontinental
Business Center
200070 Shanghai
Telephone number +86 21-22195008
Fax number +86 512-68417505
customer.hotline@weidmueller.com.cn
www.cnweidmuller.com

CO Colombia

Automatización Avanzada
S. A.
Carrera 97 No., 24 c - 23
Bodega 4
110911 Bogotá-D.C.
Telephone number +57 (1) 547-8510
Fax number +57 (1) 422-3044
comercial@
automatizacionavanzada.com
www.
automatizacionavanzada.com

CR Costa Rica

ELVATRON S. A.
la Uruca 400 Norte Banco
Costa Rica
San Jose Costa Rica
Telephone number +506 2961-060
Fax number +506 5200-609
dirk.haase@elvatron.com
www.elvatron.com

CZ Czech Republic

Weidmüller s.r.o.
Lomnického 5/1705
140 00 Praha 4
Telephone number +420 244 001 400
Fax number +420 244 001 499
office@weidmueller.cz
www.weidmueller.cz

DE Germany

Weidmüller GmbH & Co. KG
Ohmstraße 9
32758 Detmold
Postfach 30 54
32720 Detmold
Telephone number +49 5231 1428-0
Fax number +49 5231 14-292083
weidmueller@weidmueller.de
www.weidmueller.de

DK Denmark

Weidmüller Danmark
Vallensbækvej 18A
2605 Brøndby
Telephone number +45 27747800
kundeservice@weidmuller.dk
www.weidmuller.dk

DZ Algeria

SARL INTER ELECTRIC
1a Angles des Rues Okba Ibn
Nafaa et Hassi Beida
2300 Annaba
Telephone number
Fax number
contact@inter-electric.com

EC Ecuador

Elsystec S. A., Electricidad
Sistemas y Tecnología
Vasco de Contreras N35-251
y Mañosa
Quito - Pichincha
Telephone number +593 22456510
Fax number +593 22456755
Elsystec@uio.satnet.net

EE Estonia

Please contact
our Representative Office
Weidmüller Interface GmbH
& Co. KG
Latvia

or

Soots Interface OÜ
Pärnu mnt 142
11317 Tallinn
Telephone number +372 609 6933
Fax number
info@sootsinterface.ee
www.sootsinterface.ee

EG Egypt

Standard Electric (OMEGA)
1, Abdelhamid Badawy Street
Heliopolis
Cairo
Telephone number +202 21805111
Fax number +202 21805600
stdelec@rite.com

ES Spain

Weidmüller, S. A.
Narcís Monturiol 11-13, Pol.
Ind. Sudoeste
8960 Sant Just
Desvern - Barcelona
Telephone number +34 934 803 386
Fax number +34 933 718 055
weidmuller@weidmuller.es
www.weidmuller.es

FI Finland

Weidmüller Suomi,
Weidmüller Aktiebolagetin
sivuliike
Koy Plaza Vivace
Äyrtie 8C
FI 1510 Vantaa
Telephone number +358 20 7351300
Fax number +358 800 114 667
asiakaspalvelu@weidmuller.fi
www.weidmuller.fi

FR France

Weidmüller E. U. R. L.
12, Chaussée Jules César
BP 263 Osny
95523 Cergy-Pontoise Cedex
Telephone number +33 1 34 24 55 00
Fax number +33 1 34 24 55 01
mail@weidmuller.fr

GB Great Britain

Weidmüller Ltd.
Klippon House
Centurion Court Office Park,
Meridian East, Meridian
Business Park
Leicester
LE19 1TP
Telephone number +44 116 282 3470
Fax number +44 116 289 3582
marketing@weidmuller.co.uk
www.weidmuller.co.uk

GE Georgia

Please contact
our Representative Office
Rashad Mahmudov
Azerbaijan.

GH Ghana

Please contact
Weidmüller Interface GmbH
& Co. KG
South Africa

GR Greece

G.A. Solutions
Ippokratous 11 Metamorfosi
144 52 Athen
Telephone number +30 210 2823233
Fax number +30 210 2823233
info@weidmuller.gr
www.weidmuller.gr

GT Guatemala

Prestelectro, Prestegard
Electro, S.A.
Avenida Petapa 44-22,
Zona 12
Guatemala City
Telephone number +502 2442-3346
Fax number +502 2476-8945
ventas@prestelectro.com

HK Hong Kong

Weidmüller (Hong Kong)
Limited Co. Ltd.
Unit 1617, Metropolis Tower
No. 10 Metropolis Drive,
Hung Hom, Kowloon
Telephone number +852 3154 8088
Fax number +852 31548099
Info-hk@weidmueller.com.hk

HR Croatia

ElektroPARTNER d.o.o.
Slavonska avenija 24/6
HR-10000 Zagreb
Telephone number +385 (1) 6184 793
Fax number +385 (1) 6184 795
elektropartner@zg.t-com.hr
www.elektropartner.hr

HU Hungary

Weidmüller Kereskedelmi Kft.
Budapest
Gubacsi út 6.
1097
Telephone number +36 1 382 7700
Fax number +36 1 382 7701
info@weidmueller.hu
www.weidmueller.hu

ID Indonesia

PT. Nego Electrindo
Ruko Mega Grosir Cempaka
Mas Blok I No. 20 – 22
Jakarta 10640
Telephone number +62 21 42882255
Fax number +62 21 42882266
sales@negoelectrindo.co.id

IE Ireland

Please contact
Weidmüller Ltd.
Great Britain

IL Israel

A. U. Shay Ltd.
23/25, Embar Street
49222 Petach-Tikva
P.O. Box 1 00 49
49222 Petach-Tikva
Telephone number +972 3-923-3601
Fax number +972 3-923-4601
shay@uriel-shay.com
www.uriel-shay.com

ATEKA Ltd.
4, Ha Tavor lane Industrial
area Segula
49691 Petach-Tikva
P.O. Box 4710
Petach-Tikva
Telephone number +972 73-200-1311
Fax number +972 3-924 4245
marketing@ateka.co.il
www.ateka.co.il

IN India

Representative Office
Weidmüller Electronics India
Pvt. Ltd.
12th Lane North Avenue, Opp
Joggers Park,
Kalyani Nagar, Pune
411 006
Telephone number +91 20-41290090
wmi.pune@weidmueller.in
www.weidmueller.com

IS Iceland

Samey Automation Center
Lyngas 13
210 Garoabaer
Telephone number +354 510 5200
Fax number +354 5 10 5201
Samey@samey.is
www.samey.is

IT Italy

Weidmüller S. r.l.
Via Albert Einstein 4
20092 Cinisello
Balsamo Milano
Telephone number +39 02 660681
Fax number +39 02 6124945
weidmuller@weidmuller.it
www.weidmuller.it

JM Jamaica

Please contact
W Interconnections Inc.
United States

JO Jordan

Trans Jordan for Electro
PO Box 33 06 07
Amman
Telephone number +962 6 533 2020
Fax number +962 6 533 5800
transjordan@batelco.jo



You can find all Weidmüller addresses and your local contact on the internet at: www.weidmueller.com/countries

Let's connect.

Sales company 

Representation abroad 

without representation abroad 

JP Japan Nihon Weidmüller Co. Ltd. Sphere Tower Tennoz 2-2-8 Higashi-Shinagawa, Shinagawa-ku Tokyo 140-0002 Telephone number +81 3 6711 5300 Fax number +81 3 6711 5333 weidmullerjapan@weidmuller.co.jp www.weidmuller.co.jp	MA Morocco Sofimed 137, Bd Moulay Ismail Roches Noires 20290 Casablanca Telephone number Fax number contact@sofimedmaroc.com	NA Namibia Please contact Phambili Interface South Africa	PK Pakistan Automation Controls (Pak) Apartment No. 33 C III, Chenab Block, Allama Iqbal Town Lahore Telephone number +92 42 37809948 Fax number +92 42 37809950 nadeem@acpak.com.pk www.acpak.com.pk	RU Russia OOO Weidmüller 7/10 Khlebozavodskiy Passage, Moskau 115230 Telephone number +7 (495) 771-69-40 Fax number +7 (495) 771- 69-41 Info@weidmueller.ru www.weidmueller.ru
KE Kenya Please contact Phambili Interface South Africa	MD Moldova BERHORD A & D srl 79/1, str. Milescu Spartaru MD-2075 Chisinau Moldova Telephone number +373 (22) 815002 Fax number +373 (22) 815007 atiuleanu@berhord.com www.ad.berhord.com	NG Nigeria Please contact Weidmüller Interface GmbH & Co. KG South Africa	PL Poland Weidmüller Sp. z o. o. ul. Ogrodowa 58 00-876 Warszawa Telephone number +48 22 510 09 40 Fax number +48 22 510 09 41 biuro@weidmuller.com.pl www.weidmuller.pl	SA Saudi Arabia AI Abdulkarim Holding Co. P.O. Box 4 Dammam 31411 Telephone number +966 3 8337110 Fax number +966 3 8829547 E-mail salehsk@akh.com.sa www.weidmueller.ae
KR Korea Weidmüller Korea Co. Ltd. 9th floor, Wonbang B/D Samseong 2-Dong, Gangnam- Gu Seoul 143-42 Telephone number +82 2-516-0003 Fax number +82 2-516-0090 info@weidmuller.co.kr www.weidmuller.co.kr	ME Montenegro Please contact our Representative Office Weidmüller Interface GmbH & Co. KG Serbia.	NO Norway Sivilingeniør J.F. Knudtzen AS Billingstadsletta 97 1396 Billingstad PO Box 160 1378 Nesbru Telephone number +47 66 98 33 50 Fax number +47 66 98 09 55 firmapost@fknudtzen.no www.fknudtzen.no	PT Portugal Weidmüller Sistemas de Interface S. A. Estrada Outeiro Polima, R. Augusto Dias da Silva, Lote B - Esct. 2 São Domingos de Rana 2785-515 Abóboda Telephone number +351 214 459 191 Fax number +351 214 455 871 weidmuller@weidmuller.pt www.weidmuller.pt	SE Sweden Weidmüller AB Axel Danielssons väg 271 BOX 31025 SE-200 49 Malmö Telephone number +46 77- 143 00 44 Fax number +46 40-37 48 60 info@weidmuller.se www.weidmuller.se
KW Kuwait Kana Controls General Trading & Contracting Co. W. L. L. Al Rai Industrial Area, Plot 28-30, St. 31 13016 Safat B.P. 25593 Telephone number +965 4741373 Fax number +965 4741537 info@kanacontrols.com	MG Madagascar Please contact Phambili Interface South Africa	NZ New Zealand Cuthbert S. Steward Ltd. 27 Te Puni Street Petone PO Box 38496 Wellington Mail Centre 5054 Telephone number (04) 568 6156 Fax number (09) 489 1752 cs@cutbertstewart.co.nz	PY Paraguay Please contact CPI SA Argentina	SG Singapore Weidmüller Pte. Ltd. 70 Bendemeer Road # 04-03 Luzerne Building Singapore 339940 Telephone number +65 6841 5311 Fax number +65 6841 5377 info@weidmuller.com.sg www.weidmuller.com.sg
KZ Kazakhstan Please contact OOO Weidmüller Russia	MK Macedonia Please contact our Representative Office Weidmüller Interface GmbH & Co. KG Serbia	OM Oman DAN INTERNATIONAL LLC. Ghala St. 111 BP 2901 Seeb Telephone number +968 5036 77 Fax number +968 5037 55 yedu@danintl.com	QA Qatar Doha Motors PO Box 145 Telephone number +974 4651441 Fax number +974 4654579 dmtctech@qatar.net.qa http://www.dohamotorsgroup.com/td.html	SI Slovenia Elektrospoji d. o. o. Stegne 27 Sl- 1000 Ljubljana Osrednjeslovenska Telephone number +386 1 511 3810 Fax number +386 1 511 1604 info@elektrospoji.si www.elektrospoji.si
LB Lebanon Progress Engineering & Trading Enterprises Al Nahr Street Beirut 11-1111 Telephone number +961 1 444 664 Fax number +961 1 561 880 progress@inco.com.lb	MT Malta E. S. S. Electrical Supplies & Services Ltd. San Gwakkin Road Mriehel Telephone number +356 21255777 Fax number +356 21255999 robert.agius@ess.com.mt	PE Peru IMPEXINCA S.A.C. Calle Ortiz de Zavallos No. 105, Urb. San Antonio 18 Lima, Miraflores Telephone number +51 1 447 5608 info@impexinca.pe www.impexinca.pe J & W CIA. S. A. Calle 6 Mz. D Lte. 23, Urb. Ind. Grimanesa 01 Callao Telephone number +51 1 572 2539 Fax number +51 1 572 0152 contacto@jwcia.com www.jwcia.com	RO Romania Representative Office Weidmüller Interface GmbH & Co. KG Ionescu Crum Street, No. 1, 1st Tower, 1st Floor, Office 4 500446 Brasov - Brasov Business Park Telephone number +40 (268) 446 222 Fax number +40 (262) 205 410 claudioi.totea@weidmueller.com www.weidmueller.com	SK Slovakia ELEKTRIS s.r.o. Elektrárnská 1 831 04 Bratislava Telephone number +421 2/4920 0113 Fax number +421 2/4920 0119 bratislava@elektris.sk
LT Lithuania Please contact our Representative Office Weidmüller Interface GmbH & Co. KG Latvia or ELEKTROS IRANGA Tinklu g. 29 a LT-5319 Panevezys Telephone number +370 (45) 582 828 Fax number info@eliranga.lt	MU Mauritius Mubelo Electrical Ltd. Office 26, Gateway building, St Jean Road Quatre Bornes Mauritius Telephone number +230 4670989 Fax number +230 4654051 richard.mubelo@orange.mu	PH Philippines Enclosure Systems Specialists Inc. 2276 Don Chino Roces Avenue Extension Room 103/105 Narra Building 1231 Makati City Telephone number +63 2 813 8580 Fax number +63 2 813 8596 sales_encsys@pltdsl.net www.enclosuresystemspsh.com	RS Serbia Representative Office Weidmüller Interface GmbH & Co. KG Ustanicka 189, III sprat lokal 7a 11050 Beograd Telephone number +381 112885274 Fax number +381 112885274 zoran.rabrenovic@weidmueller.com TeLa Elektrik d.o.o. Ul. Dr. Drage Ljočić 6 Beograd Telephone number +381 11 2772 415 Fax number +381 11 2772 850 office@tela.rs www.tela.rs	SV El Salvador Prestegard Electro 11 Avenida Norte No. 240 Edificio Salazar No. 2 San Salvador Telephone number +503 2271 1690 Fax number +503 2221 3851 prestegard@navegante.com.sv
LU Luxembourg Please contact Weidmüller Benelux B. V. Netherlands	MW Malawi Please contact Phambili Interface South Africa	RU Romania Automation Controls (Pak) Apartment No. 33 C III, Chenab Block, Allama Iqbal Town Lahore Telephone number +92 42 37809948 Fax number +92 42 37809950 nadeem@acpak.com.pk www.acpak.com.pk	SE Sweden Weidmüller AB Axel Danielssons väg 271 BOX 31025 SE-200 49 Malmö Telephone number +46 77- 143 00 44 Fax number +46 40-37 48 60 info@weidmuller.se www.weidmuller.se	SG Singapore Weidmüller Pte. Ltd. 70 Bendemeer Road # 04-03 Luzerne Building Singapore 339940 Telephone number +65 6841 5311 Fax number +65 6841 5377 info@weidmuller.com.sg www.weidmuller.com.sg
LV Latvia SIA Abi4 Daugavgrivas 31b Riga, LV-1007 Telephone number +371 674 70999 Fax number +371 676 24562 abi_4@tvnet.lv Representative Office Weidmüller Interface GmbH & Co. KG Udens str. 12-118 Riga, LV-1007 Telephone number +371 29254766 Fax number +371 674 65637 ilgonis.rudaks@weidmueller.com www.weidmueller.com	MX Mexico W Interconnections S. A. DE C. V. Blvd. Hermanos Serdán 698, Col. San Rafael Oriente 72029 Puebla Telephone number +52 (222) 268 6227 Fax number +52 (222) 286 6242 clientes@weidmuller.com.mx	NA Namibia Please contact Phambili Interface South Africa	PK Pakistan Automation Controls (Pak) Apartment No. 33 C III, Chenab Block, Allama Iqbal Town Lahore Telephone number +92 42 37809948 Fax number +92 42 37809950 nadeem@acpak.com.pk www.acpak.com.pk	RU Russia OOO Weidmüller 7/10 Khlebozavodskiy Passage, Moskau 115230 Telephone number +7 (495) 771-69-40 Fax number +7 (495) 771- 69-41 Info@weidmueller.ru www.weidmueller.ru
MA Morocco Sofimed 137, Bd Moulay Ismail Roches Noires 20290 Casablanca Telephone number Fax number contact@sofimedmaroc.com	MD Moldova BERHORD A & D srl 79/1, str. Milescu Spartaru MD-2075 Chisinau Moldova Telephone number +373 (22) 815002 Fax number +373 (22) 815007 atiuleanu@berhord.com www.ad.berhord.com	ME Montenegro Please contact our Representative Office Weidmüller Interface GmbH & Co. KG Serbia.	MG Madagascar Please contact Phambili Interface South Africa	MK Macedonia Please contact our Representative Office Weidmüller Interface GmbH & Co. KG Serbia
MT Malta E. S. S. Electrical Supplies & Services Ltd. San Gwakkin Road Mriehel Telephone number +356 21255777 Fax number +356 21255999 robert.agius@ess.com.mt	MU Mauritius Mubelo Electrical Ltd. Office 26, Gateway building, St Jean Road Quatre Bornes Mauritius Telephone number +230 4670989 Fax number +230 4654051 richard.mubelo@orange.mu	MW Malawi Please contact Phambili Interface South Africa	MX Mexico W Interconnections S. A. DE C. V. Blvd. Hermanos Serdán 698, Col. San Rafael Oriente 72029 Puebla Telephone number +52 (222) 268 6227 Fax number +52 (222) 286 6242 clientes@weidmuller.com.mx	MY Malaysia Connect Plus Technology Sdn Bhd No. 43, Jalan PJS 11/22, Bandar Sunway 46150 Petaling Jaya Selangor Darul Ehsan Telephone number +60 3 5633 7363 Fax number +60 3 5633 6562 paul@cptech.com.my www.cptech.com.my
NA Namibia Please contact Phambili Interface South Africa	NG Nigeria Please contact Weidmüller Interface GmbH & Co. KG South Africa	NL Netherlands Weidmüller Benelux B. V. Franciscusweg 221 1216 SE Hilversum P.O. Box 1505 1200 BM Hilversum Telephone number +31 35 626 12 61 Fax number +31 35 623 20 44 info@weidmuller.nl www.weidmuller.nl	NO Norway Sivilingeniør J.F. Knudtzen AS Billingstadsletta 97 1396 Billingstad PO Box 160 1378 Nesbru Telephone number +47 66 98 33 50 Fax number +47 66 98 09 55 firmapost@fknudtzen.no www.fknudtzen.no	NZ New Zealand Cuthbert S. Steward Ltd. 27 Te Puni Street Petone PO Box 38496 Wellington Mail Centre 5054 Telephone number (04) 568 6156 Fax number (09) 489 1752 cs@cutbertstewart.co.nz
OM Oman DAN INTERNATIONAL LLC. Ghala St. 111 BP 2901 Seeb Telephone number +968 5036 77 Fax number +968 5037 55 yedu@danintl.com	PE Peru IMPEXINCA S.A.C. Calle Ortiz de Zavallos No. 105, Urb. San Antonio 18 Lima, Miraflores Telephone number +51 1 447 5608 info@impexinca.pe www.impexinca.pe J & W CIA. S. A. Calle 6 Mz. D Lte. 23, Urb. Ind. Grimanesa 01 Callao Telephone number +51 1 572 2539 Fax number +51 1 572 0152 contacto@jwcia.com www.jwcia.com	PK Pakistan Automation Controls (Pak) Apartment No. 33 C III, Chenab Block, Allama Iqbal Town Lahore Telephone number +92 42 37809948 Fax number +92 42 37809950 nadeem@acpak.com.pk www.acpak.com.pk	PL Poland Weidmüller Sp. z o. o. ul. Ogrodowa 58 00-876 Warszawa Telephone number +48 22 510 09 40 Fax number +48 22 510 09 41 biuro@weidmuller.com.pl www.weidmuller.pl	PT Portugal Weidmüller Sistemas de Interface S. A. Estrada Outeiro Polima, R. Augusto Dias da Silva, Lote B - Esct. 2 São Domingos de Rana 2785-515 Abóboda Telephone number +351 214 459 191 Fax number +351 214 455 871 weidmuller@weidmuller.pt www.weidmuller.pt
QA Qatar Doha Motors PO Box 145 Telephone number +974 4651441 Fax number +974 4654579 dmtctech@qatar.net.qa http://www.dohamotorsgroup.com/td.html	RO Romania Representative Office Weidmüller Interface GmbH & Co. KG Ionescu Crum Street, No. 1, 1st Tower, 1st Floor, Office 4 500446 Brasov - Brasov Business Park Telephone number +40 (268) 446 222 Fax number +40 (262) 205 410 claudioi.totea@weidmueller.com www.weidmueller.com	RU Russia OOO Weidmüller 7/10 Khlebozavodskiy Passage, Moskau 115230 Telephone number +7 (495) 771-69-40 Fax number +7 (495) 771- 69-41 Info@weidmueller.ru www.weidmueller.ru	SA Saudi Arabia AI Abdulkarim Holding Co. P.O. Box 4 Dammam 31411 Telephone number +966 3 8337110 Fax number +966 3 8829547 E-mail salehsk@akh.com.sa www.weidmueller.ae	SE Sweden Weidmüller AB Axel Danielssons väg 271 BOX 31025 SE-200 49 Malmö Telephone number +46 77- 143 00 44 Fax number +46 40-37 48 60 info@weidmuller.se www.weidmuller.se
SG Singapore Weidmüller Pte. Ltd. 70 Bendemeer Road # 04-03 Luzerne Building Singapore 339940 Telephone number +65 6841 5311 Fax number +65 6841 5377 info@weidmuller.com.sg www.weidmuller.com.sg	SI Slovenia Elektrospoji d. o. o. Stegne 27 Sl- 1000 Ljubljana Osrednjeslovenska Telephone number +386 1 511 3810 Fax number +386 1 511 1604 info@elektrospoji.si www.elektrospoji.si	SK Slovakia ELEKTRIS s.r.o. Elektrárnská 1 831 04 Bratislava Telephone number +421 2/4920 0113 Fax number +421 2/4920 0119 bratislava@elektris.sk	SV El Salvador Prestegard Electro 11 Avenida Norte No. 240 Edificio Salazar No. 2 San Salvador Telephone number +503 2271 1690 Fax number +503 2221 3851 prestegard@navegante.com.sv	SY Syria Please contact Weidmüller Middle East FZE United Arab Emirates
SV El Salvador Prestegard Electro 11 Avenida Norte No. 240 Edificio Salazar No. 2 San Salvador Telephone number +503 2271 1690 Fax number +503 2221 3851 prestegard@navegante.com.sv	SZ Swaziland Please contact Phambili Interface South Africa	TE Belarus Belarusian Weidmüller Co. P.O. Box 100 Minsk 220000 Telephone number +375 (212) 253 11 11 Fax number +375 (212) 253 11 11 info@weidmueller.by www.weidmueller.by	TH Thailand Weidmüller (Thailand) Co. Ltd. 100/100 Sukhumvit Road 10th Floor Klongtoey Bangkok 10110 Telephone number +66 2 262 2222 Fax number +66 2 262 2222 info@weidmueller.co.th www.weidmueller.co.th	TR Turkey Weidmüller Türkiye A.Ş. Nispetiye Mahallesi Kurtuluş Caddesi No: 10 34398 Beşiktaş / İstanbul Telephone number +90 212 253 11 11 Fax number +90 212 253 11 11 info@weidmueller.com.tr www.weidmueller.com.tr
UA Ukraine Weidmüller Ukraine LLC P.O. Box 100 Kyiv 01000 Telephone number +380 (44) 422 22 22 Fax number +380 (44) 422 22 22 info@weidmueller.ua www.weidmueller.ua	UZ Uzbekistan Weidmüller Uzbekistan LLC P.O. Box 100 Tashkent 100000 Telephone number +7 (312) 253 11 11 Fax number +7 (312) 253 11 11 info@weidmueller.uz www.weidmueller.uz	VE Venezuela Weidmüller Venezuela LLC P.O. Box 100 Caracas 1000 Telephone number +58 (212) 253 11 11 Fax number +58 (212) 253 11 11 info@weidmueller.ve www.weidmueller.ve	VI Vietnam Weidmüller Vietnam LLC P.O. Box 100 Hanoi 100000 Telephone number +84 (4) 253 11 11 Fax number +84 (4) 253 11 11 info@weidmueller.vn www.weidmueller.vn	WZ Zimbabwe Please contact Phambili Interface South Africa
JP Japan Nihon Weidmüller Co. Ltd. Sphere Tower Tennoz 2-2-8 Higashi-Shinagawa, Shinagawa-ku Tokyo 140-0002 Telephone number +81 3 6711 5300 Fax number +81 3 6711 5333 weidmullerjapan@weidmuller.co.jp www.weidmuller.co.jp	MA Morocco Sofimed 137, Bd Moulay Ismail Roches Noires 20290 Casablanca Telephone number Fax number contact@sofimedmaroc.com	NA Namibia Please contact Phambili Interface South Africa	PK Pakistan Automation Controls (Pak) Apartment No. 33 C III, Chenab Block, Allama Iqbal Town Lahore Telephone number +92 42 37809948 Fax number +92 42 37809950 nadeem@acpak.com.pk www.acpak.com.pk	RU Russia OOO Weidmüller 7/10 Khlebozavodskiy Passage, Moskau 115230 Telephone number +7 (495) 771-69-40 Fax number +7 (495) 771- 69-41 Info@weidmueller.ru www.weidmueller.ru
KE Kenya Please contact Phambili Interface South Africa	MD Moldova BERHORD A & D srl 79/1, str. Milescu Spartaru MD-2075 Chisinau Moldova Telephone number +373 (22) 815002 Fax number +373 (22) 815007 atiuleanu@berhord.com www.ad.berhord.com	NG Nigeria Please contact Weidmüller Interface GmbH & Co. KG South Africa	PL Poland Weidmüller Sp. z o. o. ul. Ogrodowa 58 00-876 Warszawa Telephone number +48 22 510 09 40 Fax number +48 22 510 09 41 biuro@weidmuller.com.pl www.weidmuller.pl	SA Saudi Arabia AI Abdulkarim Holding Co. P.O. Box 4 Dammam 31411 Telephone number +966 3 8337110 Fax number +966 3 8829547 E-mail salehsk@akh.com.sa www.weidmueller.ae
KR Korea Weidmüller Korea Co. Ltd. 9th floor, Wonbang B/D Samseong 2-Dong, Gangnam- Gu Seoul 143-42 Telephone number +82 2-516-0003 Fax number +82 2-516-0090 info@weidmuller.co.kr www.weidmuller.co.kr	ME Montenegro Please contact our Representative Office Weidmüller Interface GmbH & Co. KG Serbia.	NO Norway Sivilingeniør J.F. Knudtzen AS Billingstadsletta 97 1396 Billingstad PO Box 160 1378 Nesbru Telephone number +47 66 98 33 50 Fax number +47 66 98 09 55 firmapost@fknudtzen.no www.fknudtzen.no	PT Portugal Weidmüller Sistemas de Interface S. A. Estrada Outeiro Polima, R. Augusto Dias da Silva, Lote B - Esct. 2 São Domingos de Rana 2785-515 Abóboda Telephone number +351 214 459 191 Fax number +351 214 455 871 weidmuller@weidmuller.pt www.weidmuller.pt	SE Sweden Weidmüller AB Axel Danielssons väg 271 BOX 31025 SE-200 49 Malmö Telephone number +46 77- 143 00 44 Fax number +46 40-37 48 60 info@weidmuller.se www.weidmuller.se
KW Kuwait Kana Controls General Trading & Contracting Co. W. L. L. Al Rai Industrial Area, Plot 28-30, St. 31 13016 Safat B.P. 25593 Telephone number +965 4741373 Fax number +965 4741537 info@kanacontrols.com	MG Madagascar Please contact Phambili Interface South Africa	NZ New Zealand Cuthbert S. Steward Ltd. 27 Te Puni Street Petone PO Box 38496 Wellington Mail Centre 5054 Telephone number (04) 568 6156 Fax number (09) 489 1752 cs@cutbertstewart.co.nz	PY Paraguay Please contact CPI SA Argentina	SG Singapore Weidmüller Pte. Ltd. 70 Bendemeer Road # 04-03 Luzerne Building Singapore 339940 Telephone number +65 6841 5311 Fax number +65 6841 5377

Addresses worldwide

Let's connect.

TH Thailand
Pisanu Engineering Co. Ltd.
Kwang Dingaeng, Khet
Dingaeng
800/2 Soi Trakulsuk, Asoke-
dindaeng Road
Dindaeng, Bangkok
10400
Telephone number +66 2
248 2896
Fax number +662 105 6301
ecsales@pisanu.co.th
www.pisanu.co.th

Representative Office
Weidmüller Pte. Ltd.
37/F, Sathorn Square Building
98 North Sathorn Road
Bangkok, Silom Bangrak
10500
Telephone number +66 2
105 6300
Fax number +66 2 642 9220
info@weidmuller.com.sg

TN Tunisia
Please contact
Weidmüller E. U. R. L.
France

TR Turkey
Weidmüller Elektronik Ticaret
Ltd. Sirketi
Kavacik Mah. Orhan Veli Kanik
Caddesi 9/1
34810 Beykoz / Istanbul
Telephone number +90 (216)
537 10 70
Fax number +90 (216) 537
10 77
info@weidmuller.com.tr
www.weidmuller.com.tr

TW Taiwan
Weidmüller (Hong Kong)
Limited
No. 3, Lane 89, ChungYang
N. Rd
24148 SanChuang City,
Taipei
Telephone number +886 921
949 751
roy.lin@weidmueller.com.hk

TZ Tanzania
Please contact
Phambili Interface
South Africa

UA Ukraine
LLC WM UKRAINE
Levanevskogo str. 6
Kiev
3058
Telephone number +38 044
490 32 48
Fax number
info@wm-ua.com.ua
wm-ua.com.ua/

Representative Office
Weidmüller Interface GmbH
& Co. KG
Z, office 303
7-D, Zdolbunivska str.
Kiev, 2081
Telephone number
(mobile) +38 050 440 25 24
info.ua@weidmueller.com

US United States
W Interconnections Inc.
821 Southlake Boulevard
Richmond Virginia 23236
Telephone number +1 (804)
794-2877
Fax number +1 (804) 379-
2593
info@weidmuller.com
www.weidmuller.com

UY Uruguay
REWO Uruguay S. A.
AV. Bolivia 2001 Esq
Rocafuerte
11300 Carrasco Montevideo
Telephone number +598
2604 8439
Fax number +598 2604
8439
rewo@rewouruguay.com.uy

UZ Republic of Uzbekistan
Please contact
OOO Weidmüller
Russia

VE Venezuela
Somerinca C. A.
Corazon de Jesus - 3ra
Transversal con calle el
Carmen- Los Dos Caminos
Caracas 1070-A
Telephone number +58
2122352748
Fax number +58
2122399341
klocmoeller@cantv.net
www.somerinca.com

VN Vietnam
AUMI Industrial Equipment &
Automation Company Limited
E1, La Thanh Hotel
218 Doi Can Street
Lieu Giai Ward, Ba Dinh
District
Hanoi City
Telephone number +84 4
37628601
Fax number +84 4
62661391
aumi@aumi.com.vn
www.aumi.com.vn

Representative Office
Weidmüller Pte. Ltd.
Level 16 Saigon Tower
Building
29 Le Duan Street
District 1
Ho Chi Minh
Telephone number +848
3520 7717
Fax number +848 3520
7604
info@weidmuller.com.sg

ZA South Africa
Phambili Interface
PO Box 193
1609 Johannesburg, Edenvale
5 Bundo Road, Sebenza
1610 Johannesburg
Telephone number +27 (11)
4521930
Fax number
info@weidmuller.co.za
www.weidmuller.co.za

Representative Office
Weidmüller Interface GmbH
& Co. KG
210 Amarand
Avenue, Pegasus Building
181 Pretoria, waterkloof Glen
ext 2 -
Telephone number +27 12
003 2906
Fax number +27 (11)
4526455
Jacques.Vosloo@weidmueller.
com
www.weidmueller.com

ZM Zambia
Please contact
Phambili Interface
South Africa

ZW Zimbabwe
Please contact
Phambili Interface
South Africa