

**CHNT**

Empower the World



## **NXW5 Wall Mounting Enclosure**

A detailed diagram of an open outdoor electrical enclosure. The enclosure is white with a black door. The door is open to the left, revealing a red interior panel. The enclosure is mounted on a base. The diagram includes numbered callouts 1 through 8, which correspond to the following components:

- 1: Locking mechanism on the door.
- 2: Hinge on the door.
- 3: Seal on the door.
- 4: Mounting bracket on the top of the enclosure.
- 5: Hinge on the door.
- 6: Mounting bracket on the top of the enclosure.
- 7: Hinge on the door.
- 8: Mounting bracket on the top of the enclosure.

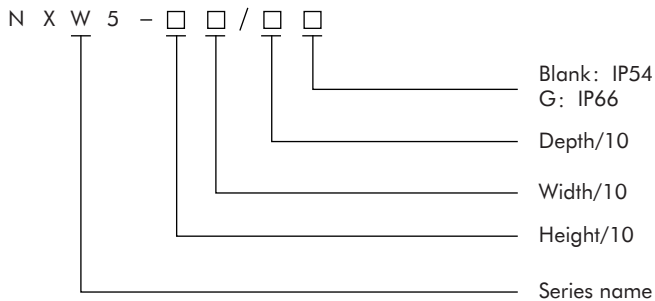
The diagram also shows a 115° angle between the door and the enclosure body.

- 1 **Door lock:** The operated lock for preventing unwanted operation.
- 2 **Panel:** Zinc-plated steel panel.
- 3 **Earthing studs:** Earthing connection between body and door.
- 4 **Wall fixing brackets:** For easy surface installation.
- 5 **Hinges:** Hinged connection provide better operating.
- 6 **Flanged panel:** With sealing gasket that increased cable entry capacity.
- 7 **Sealing rubber gasket:** Make high protection degree.
- 8 **Studs:** For additional panel.

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## NXW5 Wall Mounting Enclosure

### NXW5 Model Explain



### NXW5 Wall Mounting Enclosure



#### 1. General

##### 1.1 Function

The Wall Mounting Enclosure is designed to adopt all kind of Electrical switch gear & control gear assemblies. It is suitable for variety of Electrical installations in commercial & light industrial premises. It is designed for indoor & outdoor applications.

##### 1.2 Features

- Made out of high quality Electro galvanized steel up to 1.6mm thickness.
- Removable Gland plate at the Bottom.
- Canopies can be fixed as optional.
- Also double insulation; excellent out door performance.
- Mounting plate made of 2mm GI steel or RAL 2000
- Orange powder coated.
- Complies with IEC & NEMA standards.
- Available in Double door construction for width more than 800mm.
- Corner formed covers ensures better rain proof protection & aesthetic look
- 3 point cam lock for higher sizes ensures uniform locking over the entire length.

#### 2. Technical data

|                                         |                                 |
|-----------------------------------------|---------------------------------|
| Standard                                | IEC 62208 with CE certification |
| Rated voltage                           | 230V/400V                       |
| Frequency                               | 50/60Hz                         |
| Max. incoming current(three phases)     | 250A                            |
| Protection degree                       | IP54/IP66                       |
| Allowable temperature-rise of enclosure | 70K                             |

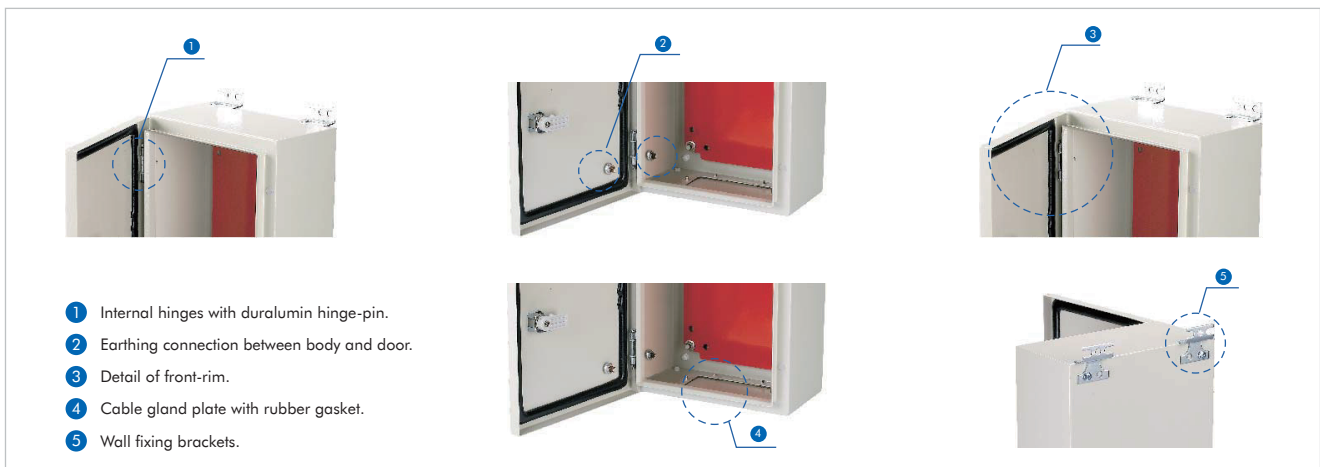
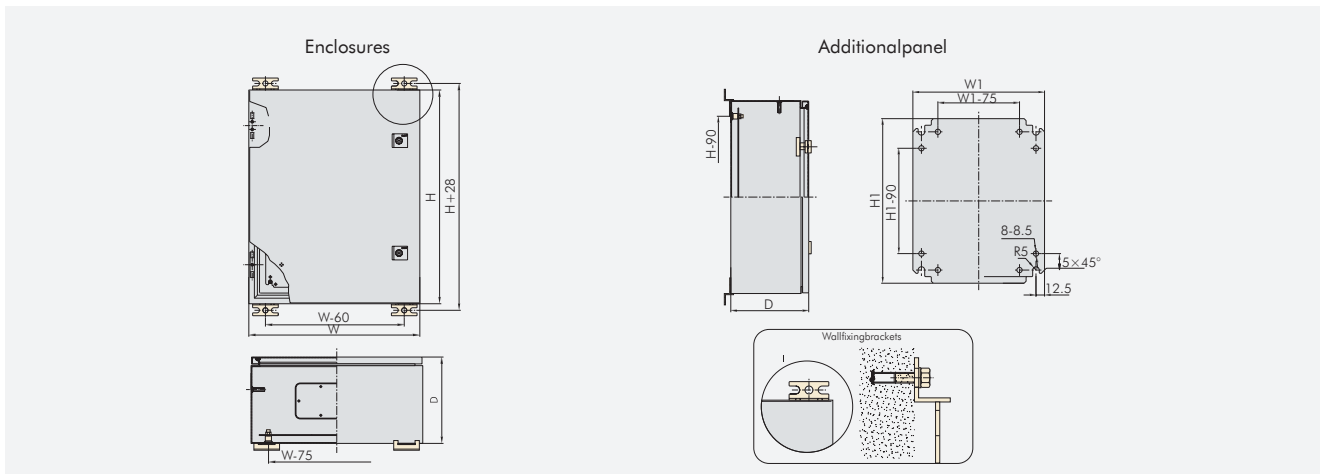
#### 3. Terminals max. cable size

|                    |                       |
|--------------------|-----------------------|
| Incoming terminals | 2×185 mm <sup>2</sup> |
|--------------------|-----------------------|

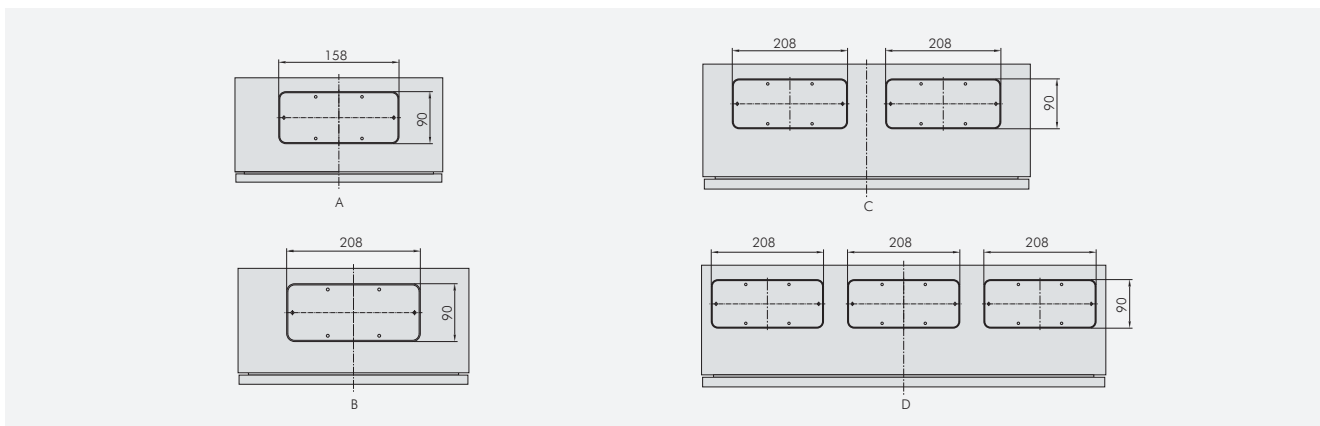
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## NXW5 Wall Mounting Enclosure

### 4. Overall and mounting dimensions (mm)



### Flange openings



Note: The thickness of installation panel could be changed according to your specific requirement. (Max. thickness 2.0mm).  
Drawing-bar lock is available when the width of NXW5 is bigger than 800mm

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## NXW5 Wall Mounting Enclosure

| Model No.    |                | Height(H)×Width(W)×Depth(D) | No. of locks | No. of hinges | Flange openings | Thickness |
|--------------|----------------|-----------------------------|--------------|---------------|-----------------|-----------|
| NXW5-2520/15 | NXW5-2520/15 G | 250×200×150                 | 1            | 2             | A               | 1.2       |
| NXW5-3025/15 | NXW5-3025/15 G | 300×250×150                 | 1            | 2             | A               | 1.2       |
| NXW5-3025/20 | NXW5-3025/20 G | 300×250×200                 | 1            | 2             | A               | 1.2       |
| NXW5-3030/15 | NXW5-3030/15 G | 300×300×150                 | 1            | 2             | A               | 1.2       |
| NXW5-3030/20 | NXW5-3030/20 G | 300×300×200                 | 1            | 2             | A               | 1.2       |
| NXW5-3040/15 | NXW5-3040/15 G | 300×400×150                 | 1            | 2             | B               | 1.2       |
| NXW5-3040/20 | NXW5-3040/20 G | 300×400×200                 | 1            | 2             | B               | 1.2       |
| NXW5-4030/15 | NXW5-4030/15 G | 400×300×150                 | 1            | 2             | A               | 1.2       |
| NXW5-4030/20 | NXW5-4030/20 G | 400×300×200                 | 1            | 2             | A               | 1.2       |
| NXW5-4040/15 | NXW5-4040/15 G | 400×400×150                 | 1            | 2             | B               | 1.2       |
| NXW5-4040/20 | NXW5-4040/20 G | 400×400×200                 | 1            | 2             | B               | 1.2       |
| NXW5-4060/15 | NXW5-4060/15 G | 400×600×150                 | 1            | 2             | C               | 1.2       |
| NXW5-4060/20 | NXW5-4060/20 G | 400×600×200                 | 1            | 2             | C               | 1.2       |
| NXW5-4060/25 | NXW5-4060/25 G | 400×600×250                 | 1            | 2             | C               | 1.2       |
| NXW5-5040/15 | NXW5-5040/15 G | 500×400×150                 | 2            | 2             | B               | 1.2       |
| NXW5-5040/20 | NXW5-5040/20 G | 500×400×200                 | 2            | 2             | B               | 1.2       |
| NXW5-5040/25 | NXW5-5040/25 G | 500×400×250                 | 2            | 2             | B               | 1.2       |
| NXW5-5050/15 | NXW5-5050/15 G | 500×500×150                 | 2            | 2             | B               | 1.2       |
| NXW5-5050/20 | NXW5-5050/20 G | 500×500×200                 | 2            | 2             | B               | 1.2       |
| NXW5-5050/25 | NXW5-5050/25 G | 500×500×250                 | 2            | 2             | B               | 1.2       |
| NXW5-6040/15 | NXW5-6040/15 G | 600×400×150                 | 2            | 2             | B               | 1.2       |
| NXW5-6040/20 | NXW5-6040/20 G | 600×400×200                 | 2            | 2             | B               | 1.2       |
| NXW5-6040/25 | NXW5-6040/25 G | 600×400×250                 | 2            | 2             | B               | 1.2       |
| NXW5-6050/15 | NXW5-6050/15 G | 600×500×150                 | 2            | 2             | B               | 1.2       |
| NXW5-6050/20 | NXW5-6050/20 G | 600×500×200                 | 2            | 2             | B               | 1.2       |
| NXW5-6050/25 | NXW5-6050/25 G | 600×500×250                 | 2            | 2             | B               | 1.2       |
| NXW5-6060/20 | NXW5-6060/20 G | 600×600×200                 | 2            | 2             | C               | 1.2       |
| NXW5-6060/25 | NXW5-6060/25 G | 600×600×250                 | 2            | 2             | C               | 1.2       |
| NXW5-6060/30 | NXW5-6060/30 G | 600×600×300                 | 2            | 2             | C               | 1.2       |
| NXW5-7050/15 | NXW5-7050/15 G | 700×500×150                 | 2            | 2             | B               | 1.5       |

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## NXW5 Wall Mounting Enclosure

| Model No.      |                  | Height(H)×Width(W)× Depth(D) | No. of locks | No. of hinges | Flange openings | Thickness |
|----------------|------------------|------------------------------|--------------|---------------|-----------------|-----------|
| NXW5-7050/20   | NXW5-7050/20 G   | 700×500×200                  | 2            | 2             | B               | 1.5       |
| NXW5-7050/25   | NXW5-7050/25 G   | 700×500×250                  | 2            | 2             | B               | 1.5       |
| NXW5-7050/30   | NXW5-7050/30 G   | 700×500×300                  | 2            | 2             | B               | 1.5       |
| NXW5-8060/20   | NXW5-8060/20 G   | 800×600×200                  | 2            | 3             | C               | 1.5       |
| NXW5-8060/25   | NXW5-8060/25 G   | 800×600×250                  | 2            | 3             | C               | 1.5       |
| NXW5-8060/30   | NXW5-8060/30 G   | 800×600×300                  | 2            | 3             | C               | 1.5       |
| NXW5-8060/38   | NXW5-8060/38 G   | 800×600×380                  | 2            | 3             | C               | 1.5       |
| NXW5-8080/20   | NXW5-8080/20 G   | 800×800×200                  | 2            | 3             | C               | 1.5       |
| NXW5-8080/25   | NXW5-8080/25 G   | 800×800×250                  | 2            | 3             | C               | 1.5       |
| NXW5-8080/30   | NXW5-8080/30 G   | 800×800×300                  | 2            | 3             | C               | 1.5       |
| NXW5-10060/25  | NXW5-10060/25 G  | 1000×600×250                 | 2            | 4             | C               | 1.5       |
| NXW5-10060/30  | NXW5-10060/30 G  | 1000×600×300                 | 2            | 4             | C               | 1.5       |
| NXW5-10060/38  | NXW5-10060/38 G  | 1000×600×380                 | 2            | 4             | C               | 1.5       |
| NXW5-10060/45  | NXW5-10060/45 G  | 1000×600×450                 | 2            | 4             | C               | 1.5       |
| NXW5-10080/25  | NXW5-10080/25 G  | 1000×800×250                 | 2            | 4             | C               | 1.5       |
| NXW5-10080/30  | NXW5-10080/30 G  | 1000×800×300                 | 2            | 4             | C               | 1.5       |
| NXW5-10080/38  | NXW5-10080/38 G  | 1000×800×380                 | 2            | 4             | C               | 1.5       |
| NXW5-10080/45  | NXW5-10080/45 G  | 1000×800×450                 | 2            | 4             | C               | 1.5       |
| NXW5-100100/25 | NXW5-100100/25 G | 1000×1000×250                | 2            | 4             | D               | 1.5       |
| NXW5-100100/30 | NXW5-100100/30 G | 1000×1000×300                | 2            | 4             | D               | 1.5       |
| NXW5-12080/25  | NXW5-12080/25 G  | 1200×800×250                 | 3            | 5             | C               | 1.5       |
| NXW5-12080/30  | NXW5-12080/30 G  | 1200×800×300                 | 3            | 5             | C               | 1.5       |
| NXW5-12080/38  | NXW5-12080/38 G  | 1200×800×380                 | 3            | 5             | C               | 1.5       |
| NXW5-12080/45  | NXW5-12080/45 G  | 1200×800×450                 | 3            | 5             | C               | 1.5       |
| NXW5-120100/25 | NXW5-120100/25 G | 1200×1000×250                | 3            | 5             | D               | 1.5       |
| NXW5-120100/30 | NXW5-120100/30 G | 1200×1000×300                | 3            | 5             | D               | 1.5       |

## Asia Pacific

### China | Global HQ

ZHEJIANG CHINT ELECTRICS CO., LTD.

Add: A3 Building, No. 3655 Sixian Road, Songjiang Shanghai 201614.  
Tel: +86 21 5677 7777  
Fax: +86 21 5677 7777  
E-mail: global-sales@chintglobal.com  
Web: www.chintglobal.com

### Vietnam

CHINT Vietnam Holding Co., Ltd

Add: So 2Bis-4-6, Le Thanh Ton, P. Ben Nghe Quan 1, Ho Chi Minh, Vietnam.  
Tel: +84 0283 8270 015  
E-mail: marketing.vn@chintglobal.com  
Web: www.chintglobal.vn

Sunlight Electrical (VN) Co., Ltd

Add: 20 Doc Lap Ave, VSIP, Thuan An City, Binh Duong Province, Vietnam.  
Tel: +84 0274 3743 505  
E-mail: sales.sev@sunlightgroup-vn.com.vn  
Web: www.sunlightvietnam.com.vn

### Korea

CHINT Electric Korea Co.,LTD

Add: B501, 40, Imiro, Uiwang-Si, Gyeonggi-Do, KOREA 16006.  
Tel: +82 31 8068 7099  
E-mail: lrning@chint.com  
Web: https://www.chintglobal.kr

### India

CHINT India Energy Solution Private Limited

Add: Discovery Tower, Plot No. A-17, Ground Floor Industrial Area Sector 62 Noida, India 201309.  
Tel: +91 1202 9750 57  
E-mail: marketing@chint.co.in  
Web: www.chint.co.in

### Malaysia

Alpha Automation (Selangor) Sdn. Bhd.

Add: No. 11, Temasya 18, Jalan Pelukis U1/46B, Seksyen U1, 40150 Shah Alam, Selangor.  
Tel: +603-5569 7787  
Fax: +603-5569 9295  
Email: chintmalaysia@alphasel.com  
Web: www.alphasel.com

## Singapore | Asia Pacific HQ

CHINT GLOBAL INTERNATIONAL PTE LTD

Add: 8 Kallang Avenue, #04-06/09 Aperia Office Tower 1, Singapore 339509.  
Tel: +65 6329 3110  
Fax: +65 6329 3159  
E-mail: sales.apac@chint.com  
Website: www.ChintGlobal.com

SUNLIGHT ELECTRICAL PTE LTD

Add: 1 Third Chin Bee Road, Singapore 618679.  
Tel: +65 6741 9055  
Fax: +65 6265 4586  
E-mail: sales@sunlightgroup.com  
Web: www.sunlightgroup.com

### Cambodia

CHINT (Cambodia) Power Equipment Co., Ltd

Add: No.15, St. 542, Sangkat Boeung Kok 1, Khan Toul Kork, Phnom Penh, Cambodia.  
Tel: +855 23 231 077  
E-mail: lbin3@chintglobal.com  
Web: www.chintglobal.com

SchneiTec CHINT Co., Ltd

Add: Ansor Kdam Village, Sna Ansa Commune, Krakor District, Pursat Province, Cambodia  
Tel: +855 09 5353 268  
E-mail: liubin@schneitec-chint.com.kh / info@schneitec-chint.com.kh  
Web: www.schneitec-chint.com.kh

### Indonesia

PT. CHINT Indonesia

Add: Kompleks Prima Center I, Blok C9-10, Jl. Pesing Poglar Jl. Pool PPD No. 11, RT.9/RW.2, Cengkareng, Jakarta Barat.  
Tel: +62 21 5436 3000  
E-mail: sales@chint-indonesia.com  
Web: www.chint-Indonesia.com

### Philippines

CHINT ELECTRIC CO., LTD

Add: Unit 201, Taipan Place, F. Ortigas Jr. Road, Ortigas Center, Pasig City, Metro Manila, Philippines  
Tel: +63 967 273 0174 / +63 977 017 6320  
E-mail: liq07@chintglobal.com / wencell@chintglobal.com  
Web: www.chintglobal.com

## West Asia & Africa

### Egypt

CHINT Electrics (Egypt) Co., Ltd

Add: Building (B123-C11) Smart Village, Abu Rawash, Giza - Egypt  
Tel: (+20) 235 373 725/(+20) 235 373 735  
P.O BOX : 00202  
E-mail: chinteg@chintglobal.com

CHINT EGEMAC for Electrical Products co. Ltd

Add: Area No.4B inside area No.6 Developers Industrial Zone, Eloula industrial compound, 6th of October, Giza, Egypt.  
E-mail: ahmed.bayoumi@chint-egemac.com  
Tel: (+2) 01064108151/01202348586  
Fax: (+2)38642389  
Web: www.CHINT-EGEMAC.com

### Saudi Arabia

CHINT AJLAN AND BROTHERS ELECTRICAL CO., LTD

Add: East Ring Rd Ext, New Industry Area, Riyadh 14338 KSA  
E-mail: chint-ajlanbros@chint.com  
Web: www.chint-ajlanbros.com

CHINT ARABIAN ELECTRICAL INDUSTRIAL CO., LTD.

Building NO 7183, 3RD Industrial City, Damman Kingdom of Saudi Arabian  
Tel: 966557951923  
E-mail: Belal.Abdel@chintglobal.com  
Web: www.chint-atc.com

### U.A.E

CHINT MIDDLE EAST AND AFRICA DMCC

Add: Unit No. 2101, Jumeirah Business Center 1, Jumeirah Lakes Towers, Dubai, UAE  
Tel: +97145571532  
P.O BOX: 337555  
E-mail: global-sales@chintglobal.com  
Web: https://chintglobal.com

### Uganda

CHINT METERS&ELECTRICAL UGANDA CO. LTD

Add: PLOT 378,TIRINYI ROAD, TANGSHAN MBALE INDUSTRIAL PARK, MBALE,UGANDA  
Tel: +256 741242096  
E-mail: chintuganda@chint.com

### Nigeria

CHINT POWER&ENERGY SERVICES LIMITED

Add: 3rd Floor, Churchgate Tower 2, PC 31 Churchgate Street, Victoria Island, Lagos Nigeria  
Tel: 08034339907  
E-mail: gazubuike@chintglobal.com

### Kenya

ZHENGTAI ELECTRICS(KENYA) CO., LIMITED

Add: OFFICE 1A, 8TH FLOOR, KISM TOWERS, LR No. 209/945/1- NGONG ROAD - NAIROBI, KENYA  
Tel: +254 713 871 243  
E-mail: chintkenya@chintglobal.com

## Europe

### Italy

CHINT ITALIA INVESTMENT SRL

Add: Via Bruno Maderna 7 30174 Venezia  
Tel: +39 041.446614  
Fax: +39 041.5845900  
E-mail: info@chint.it

### Czech Republic

NOARK Electric Europe s.r.o.

Add: Sezemická 2757/2, 193 00 Prague 9  
Tel: +420 226 203 120  
E-mail: europe@noark-electric.com

### Turkey

CHINT Turca Elektrik Sanayi VE Ticaret Anonim Sirketi

Add: Zumrutevler Mahallesi Ural Sokak No. 22/18 NAS PLAZA B Block KAT 1,  
Maltepe, Istanbul  
Tel: +90216 621 00 55  
Fax: +90216 621 00 50  
E-mail: fatura@chint.com.tr

### Spain

CHINT ELECTRICS S.L.

Add: Calle José Echegaray, Num 8.Parque Empresarial Las RozasEdificio 3, Planta  
Baja, Oficina 7-8.C.P: 28232 Las Rozas (Madrid)  
Tel: +34 91 645 03 53  
E-mail: info@chint.eu

### Netherlands

CHINT ELECTRICS NETHERLANDS B.V

Add: Kabelweg 57, 1014 BA Amsterdam  
Tel: +31 85 210 08 06  
E-mail: salesnl@chintglobal.com

### Kazakhstan

LLP CHINT KZ

Add: Almaty, Dostyk Avenue 210A, Business Centre "Koktem Grand, 5th Floor,  
Office 51  
Tel: +7 727 325 9990  
E-mail: chint-kz@chintglobal.com

### Romania

NOARK ELECTRIC ROMANIA

Add: Tudor Vladimirescu nr. 45 et. 5 cod postal 050881 Sector 5 , Bucuresti  
Tel: +40 371 444 920  
E-mail: InfoRO@noark-electric.com

### Poland

NOARK ELECTRIC POLAND

Address: ul. Michała 62 61-005 Poznań  
Tel: +48 785 765 825  
Email: monika.malczewska@noark-electric.com

### UK

CHINT GLOBAL (UK) LIMITED

Add: 4TH FLOOR 1-3 PEMBERTON ROW, LONDON, UNITED KINGDOM EC4A 3GB

## Latin America

### Brazil

CHINT ELÉTRICOS AMÉRICA DO SUL LTDA.

Add: Av. Paulista, 1765 - Edifício Scarpa - Conjunto 22 ,  
Bela Vista - CEP 01311-200 - São Paulo - SP  
Tel: +55 (11) 3266-7786  
E-mail: chintbr@chint.com

### Peru

CHINT LATAM (PERU) S.A.C.

Add: Av. Camino Real No.348, Torre El Pilar, Oficina 603, San Isidro, Lima 27, Peru  
Tel: +51 1 763 4917  
E-mail: chintlatamperu@chint.com

### Ecuador

CHINT ELECTRICS (HONG KONG) LIMITED (ECUADOR BRANCH)

Add: Calle: REP.DEL SALVADOR Número: 10-84 Intersección: AV NACIONES UNIDAS  
Edificio: CENTRO COMERCIAL MANSION BLANCA  
E-mail: lufz@chintglobal.com

## North America

### United States

NOARK Electric (USA) Inc

Add: 2188 Pomona Blvd., Pomona, CA 91768  
Tel: 626-330-7007  
Fax: 626-330-8035  
E-mail: nasales@noark-electric.com

### Mexico

CHINT SOLAR MEXICO S DE RL DE CV

Add: Blvd. Miguel de Cervantes 301, Piso 15, C.P 11520,  
Colonia Granada, Alcaldía Miguel Hidalgo, CDMX  
C.P. 11520 CDMX, México  
Tel: +52 1-55-8881-6127  
E-mail: info@chint-mexico.com



CHINT GLOBAL PTE. LTD.

Building A3, 3655 SiXian Road,  
Songjiang District, Shanghai, China

Tel: +86-21-5677 7777 Web: www.chintglobal.com

E-mail: global-sales@chintglobal.com

**A CHINT COMPANY**



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