

CHNT

Empower the World



NXW5 Wall Mounting Enclosure

A detailed diagram of a white metal enclosure with its door open. The door is hinged on the left and is shown at an angle. Inside the enclosure, there is a red panel on the right side. The door has a black rubber seal around its perimeter. A locking mechanism is visible on the door. The enclosure is mounted on a base. The diagram includes numbered callouts 1 through 8, which correspond to the following components:

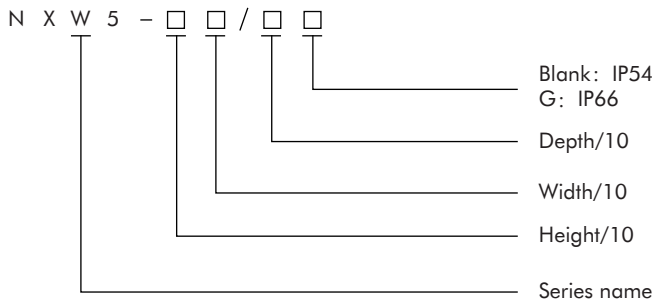
- 1: Locking mechanism on the door.
- 2: Hinge on the door.
- 3: Rubber seal on the door.
- 4: Mounting bracket on the top of the enclosure.
- 5: Hinge on the door.
- 6: Internal panel (red) on the right side.
- 7: Mounting bracket on the top of the enclosure.
- 8: Base of the enclosure.

The door is open at an angle of 115°.

- 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.

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

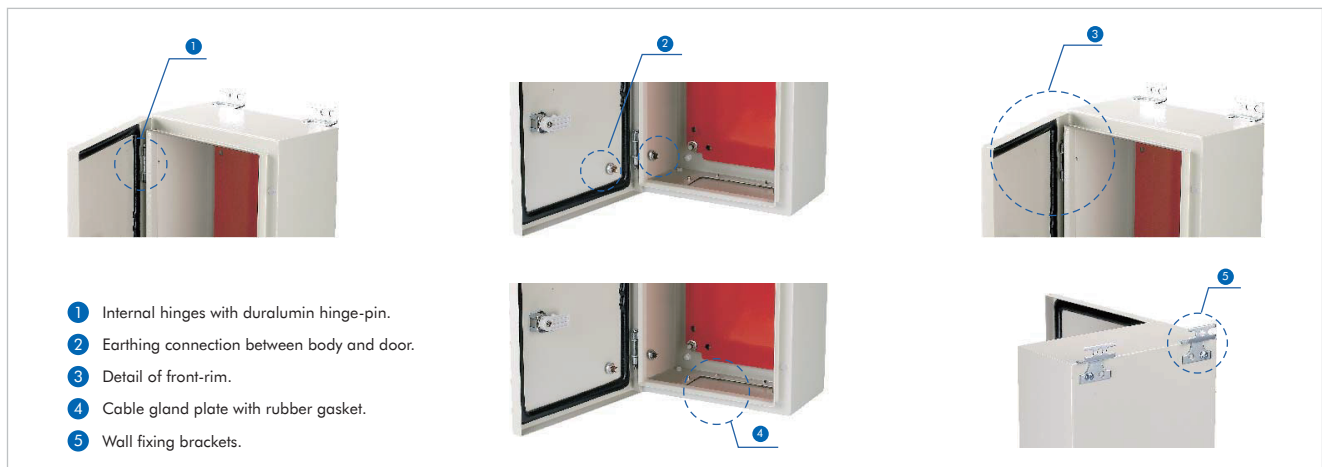
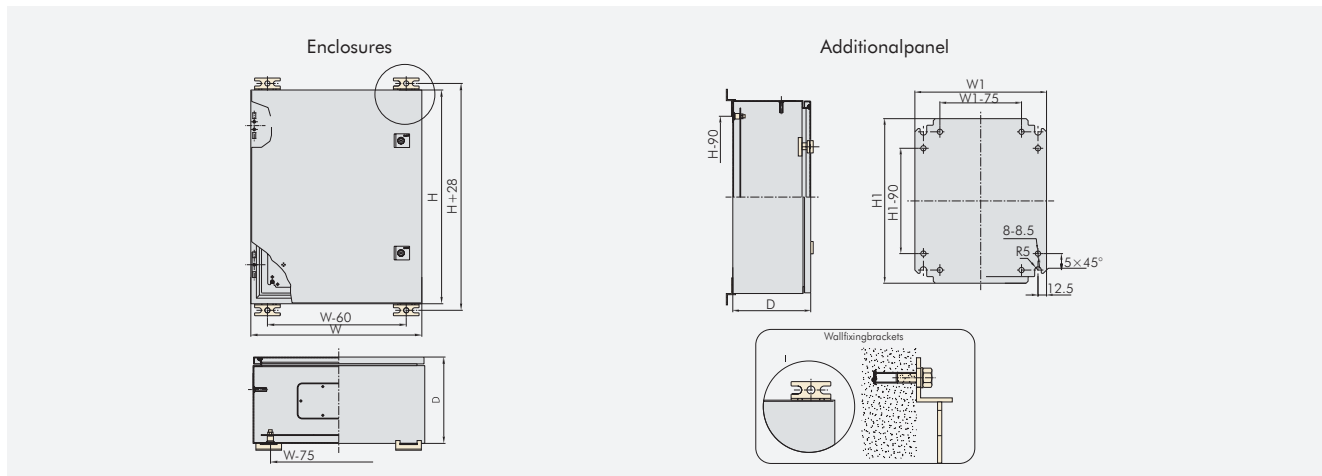
3. Terminals max. cable size

Incoming terminals	2×185 mm ²
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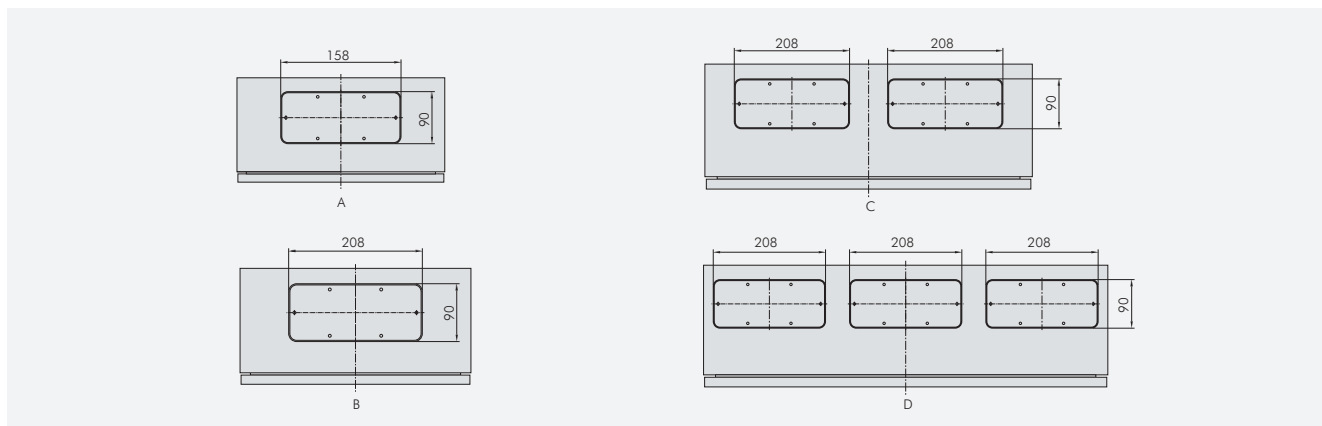
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NXW5 Wall Mounting Enclosure

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

1.0

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

1.0

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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