A Safety Warning

- 1) Only professional technicians are allowed for installation and maintenance. 2) Installation in any damp, condensed-phase environment with inflammable
- and explosive gas is forbidden. 3) When the product is being installed or maintained, the power must be
- switched off.
- 4) You are prohibited from touching the conductive part when the product is operating.
- 5) This module cannot protect against the electric shock hazard caused by touching both wires of the protected circuit at the same time. Please pay attention when using it.
- 6) Press the test button at least once a month to check whether the module operates normally.
- 7) When the module breaks due to the fault (leakage, overload or short circuit) of the protected circuit, the making operation can only be carried out after the cause is found out and the fault is eliminated.
- 8) During the motion characteristic test of this module, the special test instrument approved by the relevant national department shall be used. The test method of touching the grounding device with the phase wire is strictly prohibited.
- 9) It is the main function of this module to provide indirect contact protection for electric shock with fatal danger. The residual current protection module with rated residual operating current not more than 0.03A can also be used as supplementary protection for direct contact in case of failure of other protection measures, but it cannot be used as the sole protection.



CHNT NM8NL SeriesResidual current protection module

1 Model Specifications and Implications

- <u>NM8 N</u> 125 3P A RCD1 OTHER 1 2 3 4 5 6 7 Enterprise feature code, category
 Series iteration number ③ Residual current protection module code Frame current code 125:125A 250:250A 400:400A 630:630A ⑤ Polar number code 3P: three-pole 4P: four-pole ⑥ Residual current type code A: Type A Default: Type AC (7) Rated residual operating current code RCD1: 0.03A-0.1A-0.3A-1A RCD2: 0.05A-0.2A-0.5A-2A RCD3: 0.05A-0.2A-0.5A-1A RCD4: 0.1A-0.3A-1A-2A ® Code of special requirements Number according to corresponding special requirements

2 Normal Use, Installation and Transportation, Storage Conditions 2.1 Use conditions

- Ambient temp:: -35°C~+70°C; average value within 24h not exceeding +35°C.
 RH shall not exceed 50% when maximum temperature is +40°C; in case of lower temperature, higher RH is allowed (e.g., 90% for +20°C). Measures should be taken against occasional condensation due to temperature change. 3) The altitude of the installation site shall not exceed 2,000m.
- 4) Pollution class: Class 3.
- 5) Installation category: III.
- 2.2 Installation conditions

1) In accordance with the safety warning conditions, the installation site shall be free of explosion hazard and corrosive gas, and shall be moisture-proof, dust-proof, vibration-resistant and protected against direct sun exposure.

2) The installation location should avoid strong current and electromagnetic devices as well as agnetic field interference. 3) Before installation, check whether the basic parameters of the product meet the requirer

and manually operate it three times. The product should be flexible and reliable, and should be installed after it is confirmed to be intact. 01

	MBNL SeriesResidual current protection module	
		NM8NL Series Residual current protection module User Instruction
	CHNT	
	QC PASS	
	NM8NL Series Residual current protection module IEC/EN 60947-2	
	(Check XX)	
	Test date: Please see the packing	
	ZHEJIANG CHINT ELECTRICS CO., LTD.	Zhejiang Chint Electrics Co., Ltd. Add: No.1, CHINT Road, CHINT Industrial Zone,North Baixiang,
		Yueqing, Zhejiang 325603,P.R.China E-mail: global-sales@chint.com Website: http://en.chint.com
	IM8NL SeriesResidual current protection module	CHNT MM8NL SeriesResidual current protection module
 4) The connect 5) In order to end should be insu 6) During inst -pole neutral line s the residual currer line passing throug 	ting conductor should be PVC copper conductor or equivalent copp prevent phase-to-phase short circuit, bare copper wires and busban lated. Illation, the neutral line and the protection line must be strictly dist hould be connected to the residual current protection circuit breake the protection module and the corresponding molded case circuit bre h the residual current protection circuit breaker must not be used a	aar. the incoming iished. The four combination of r. The neutral te protection of the four combination of r. The neutral registric terms of the four registric terms of terms o
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