



RESIDUAL CURRENT OPERATED CIRCUIT-BREAKER (RCCB)

A Complete System in Circuit Protection



RESIDUAL CURRENT OPERATED CIRCUIT-BREAKER (RCCB)

Product Features

- Current operated type incorporated with electromechanical function.
- Accurate sensing of leakage current ranging from 30mA to 300mA.
- Built-in filter for protection against nuisance tripping.
- Type tested by Intertek Semko AB (Sweden) in compliance to IEC 61008.
- ON / OFF Indicator & test button for routine safety check.
- RCCB available in 2 pole & 4 pole up to 63Amp rating.



2 POLE

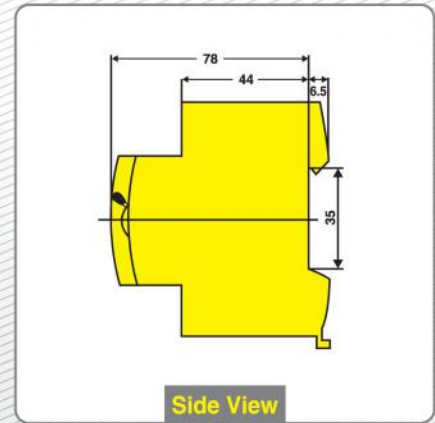
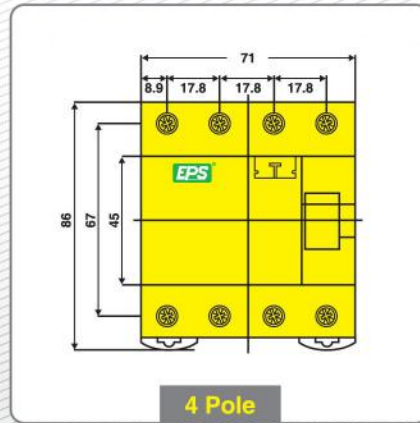
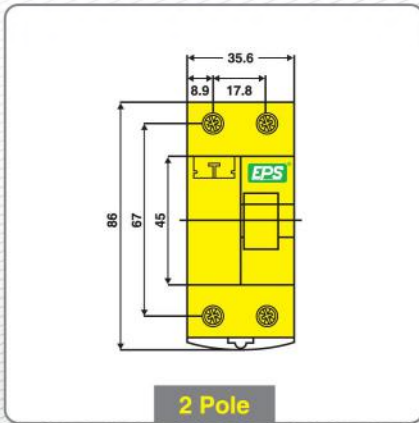
Model / Type Reference	Voltage	Rating (Amp)	Sensitivity (mA)
NGPL	240V AC	25	30
NGPL	240V AC	40	30
NGPL	240V AC	63	30
NGPL	240V AC	25	100
NGPL	240V AC	40	100
NGPL	240V AC	63	100
NGPL	240V AC	25	300
NGPL	240V AC	40	300
NGPL	240V AC	63	300



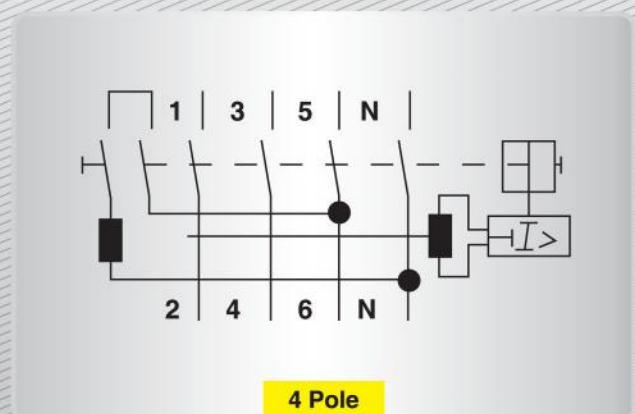
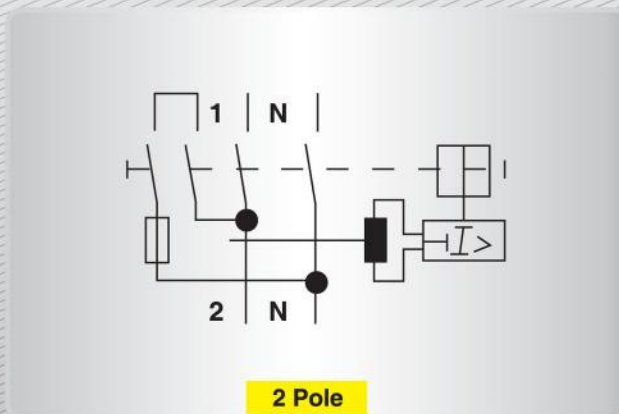
4 POLE

Model / Type Reference	Voltage	Rating (Amp)	Sensitivity (mA)
NGPL	415V AC	25	30
NGPL	415V AC	40	30
NGPL	415V AC	63	30
NGPL	415V AC	25	100
NGPL	415V AC	40	100
NGPL	415V AC	63	100
NGPL	415V AC	25	300
NGPL	415V AC	40	300
NGPL	415V AC	63	300

DIMENSIONS



CIRCUIT DIAGRAM




TECHNICAL DATA & SPECIFICATION

Rated Current (I_n)	25A, 40A, 63A
Fault Current Sensitivity ($I_{\Delta n}$)	30 ~ 300mA
Rated Non-operating Current for earth leakage ($I_{\Delta no}$)	0.51 Δn
Normal Voltage (U_n)	240 / 415V AC
Number of Poles	2-pole, 4-pole
Tripping Time	1 x $I_{\Delta n}$: $t < 0.2s$ 5 x $I_{\Delta n}$: $t < 0.04s$
Frequency	50 / 60Hz (other frequencies on request)

Intertek

Certificate

 for European Product Safety

Reference No. 917648

Residual current operated circuit-breaker

Type designation NGPL
Certificate holder **Utama Switchgear SDN BHD,**
No. 3, Jalan USJ 19/4A, Uep Subang Jaya,
47630 Petaling Jaya, Selangor Darul Ehsan
MALAYSIA
The product complies with the standard(s) EN 61008-2-1:1994 and A11
EN 61008-1:2004 and A11+A12
Date of expiry 23 December 2014
EU Directive information The product satisfies the provisions for CE marking according to the Low Voltage Directive 2006/95/EC.

Additional information in Appendix.

Certification Body Intertek Semko AB, Product Certification Place Kista - Stockholm
Signed  Date 23 December 2009
Fredrik Wennersten Page 1 of 3

This certificate is issued in accordance with the terms and conditions set out in the Appendix.

		Ref. Certif. No. SE-59971
IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME		SYSTEME CEI D'ACCEPTATION MUTUELLE DE CERTIFICATS D'ESSAIS DES EQUIPEMENTS ELECTRIQUES (IECEE) METHODE OC
CB TEST CERTIFICATE CERTIFICAT D'ESSAI OC		
Product Produit	Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCB's)	
Name and address of the applicant Nom et adresse du demandeur	Utama Switchgear Sdn Bhd No. 3, Jalan USJ 19/4A, Uep Subang Jaya, 47630 Petaling Jaya, Selangor Darul Ehsan, MALAYSIA	
Name and address of the manufacturer Nom et adresse du fabricant	Wenhou Huajin Electrical Equipment Co., Ltd. Huajin Industry Building, Liuying Rd, Lishui, Yuyaoing, Zhejiang 322604, CHINA	
Name and address of the factory Nom et adresse de l'usine Note: Enter more than one factory, please report on page 2 Note: Lister plus d'une usine, veuillez indiquer la 2 ^{ème} page	Same as manufacturer	
Ratings and principal characteristics Valeurs nominales et caractéristiques principales	U _n = 240V~ 2P(1P+N), 415V~4P(3P+N), 50/60Hz, IP20 I _n = 25, 40, 63A I _{Δn} = 0,03, 0,1, 0,3, 0,5A, AC-Type, I _{cu} = 6000A	
Trademark (if any) Marque de fabrication (si elle existe)		
Type of Manufacturer's Testing Laboratories used Type de programme de laboratoire d'essais constructeur	-	
Model / Type Ref. Ref. De type	NGPL	
Additional information (if necessary may also be reported on page 2) Les informations complémentaires (si nécessaire, peuvent être indiquées sur la 2 ^{ème} page)	-	
A sample of the product was tested and found to be in conformity with Un échantillon de ce produit a été essayé et a été constaté conforme à la	IEC 61008-2-1:1994 IEC 61008-1:1996 A11+A2	
As shown in the Test Report Ref. No. which forms part of this Certificate Comme indiqué dans le Rapport d'essais numéro de référence qui constitue partie de ce Certificat	SH09110807-001, S-09110807-002	
This CB Test Certificate is issued by the National Certification Body Ce Certificat d'essai OC est établi par l'Organisme National de Certification		
Intertek Semko AB Box 1103 SE-164 22 Kista, Sweden Int +46 8 750 00 00 Date: 23 December 2009		Signature:  Bo Berglof
1/1		DM

Dealer:

UTAMA

SWITCHGEAR SDN BHD

UTAMA SWITCHGEAR SDN BHD (416650-H)
No. 3, Jalan USJ 19/4A, UEP Subang Jaya,
47630 Petaling Jaya, Selangor Darul Ehsan, Malaysia.
Tel 603-8024 1215 / 1216 Fax 603-8024 1796
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