

Type Approval Certificate Extension

This is to certify that Certificate No. 06/10018(E1) for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

PRODUCER	Terasaki Electric Co., Ltd. 7-2-10, Hannan-cho, Abeno-ku, Osaka, 545-0021 Japan
PLACE OF PRODUCTION	Terasaki Electric (M) SDN.BHD Malaysia Factory Lot 3, Jalan 16/13D, 40000 Shah Alam, Selangor Darul Ehsan, Malaysia
DESCRIPTION	Moulded Case Circuit Breakers
TYPE	H100-NF, H125-NF, H125-NJ, H160-NJ, H225-NF, H225-NJ, H250-NJ, L100-NF, L125-NF, L125-NJ, L160-NJ, L225-NF, L225-NJ, L250-NJ

Type Designation:-

[H 100 N F]

① ② ③ ④

- | | | |
|------------------|---|---|
| ① First letter | : | H...High fault level
L...Current Limiting |
| ② Second letters | : | 100...100AF
125...125AF
160...160AF
225...225AF
250...250AF |
| ③ Third letter | : | N...Standard breaking capacity |
| ④ Last letter | : | F...Thermal fixed,
J...Thermal adjustable release |


APPLICATION Protection and switching of distribution circuits for marine, offshore and industrial applications

Certificate No. 06/10018(E2)

Issue Date 26 July 2011

Expiry Date 25 July 2016

Sheet 1 of 2


S. Fujii
Yokohama Design Support Office
Lloyd's Register

Lloyd's Register, registered office:
71 Fenchurch Street, London EC3M 4BS

DESIGN CODE

IEC 60947-1 (2007), IEC 60947-2 (2006)

RATINGS

Type	Poles	Current rating at 45°C (A)	Rated voltage (V) a.c.	Breaking current (r.m.s.) (kA) Icu/Ics	Making current (Peak asymmetrical) (kA)	Power factor or Time constant (ms) Icu/Ics	Over current release	Standard
H100-NF	3	Max 100	690	20/15	43.0	0.21/0.20	Thermal overload release and Instantaneous Magnetic short circuit release	IEC60947-2
H125-NF	3	Max 125	525	45/45	94.5	0.25/0.25		
H125-NJ	3	Max 125	450	120/80	283	0.13/0.12		
H160-NJ	3	Max 160	415	125/85	275	0.20/0.20		
H225-NF	3	Max 225	240	150/150	350	0.14/0.14		
H225-NJ	3	Max 225						
H250-NJ	3	Max 250						
L100-NF	3	Max 100	690	25/20	53.8	0.21/0.21		
L125-NF	3	Max 125	525	65/65	143	0.20/0.20		
L125-NJ	3	Max 125	450	180/135	430	0.12/0.14		
L160-NJ	3	Max 160	415	200/150	484	0.11/0.15		
L225-NF	3	Max 225	240	200/150	484	0.11/0.14		
L225-NJ	3	Max 225						
L250-NJ	3	Max 250						

"This Certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register of any modification or changes to the equipment in order to obtain a valid certificate."

The attached Design Appraisal Document No. 06/10018(E2) and its supplementary Type Approval Terms and Conditions form part of this Certificate.

All other details remain as the previous Certificate No. 06/10018(E1) to which this extension should be attached.

Certificate No. 06/10018(E2)

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Sheet 2 of 2



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Yokohama Design Support Office
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