

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	OMRON (Shanghai) Co., Ltd.
Address	No.789 Jinji Road, China (Shanghai) Pilot Free Trade Zone, Pudong New Area, 201206, China
Place of Production	OMRON (Shanghai) Co., Ltd. No.789 Jinji Road, China (Shanghai) Pilot Free Trade Zone, Pudong New Area, 201206, China
Type	Timers
Description	Solid-state Timer System Model: H3Y-*-B / H3YN-*-B series
Trade Name	H3Y-*-B / H3YN-*-B series
Application	Marine applications for use in environmental categories ENV1 and ENV2 in the "General Power Distribution Zones" as defined in LR Type Approval System Test Specification No. 1 July 2015 where the Test Specification is satisfactory for the intended operation.
Specified Standard	Manufacture's specification:-
Ratings	Details see attached Appendix
Additional Tests	Low Temperature Test: 16 hours at -10 °C.

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 Classification Society (China) Co Ltd of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document 16/80005-02 and its supplementary Type Approval Terms and Conditions form part of this Certificate.



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Appendix

RATINGS

H3Y-*-B series

H3Y - □ - □ - B - □		
① ② ③ ④ ⑤		
H3Y On-delay Timer	① Control Output type ②	-2 - Contact (DPDT) -4 - Contact (4PDT) -S - Transistor output
	Contact structure ③	None - Normal Contact -CBG - Cross-bar twin and cluded gold Contact -Z - Twin Contact
	Case color ④	-B - Black
	Remodeling type ⑤	None - Standard product -100 to -199 - Approve CE only -300 to -799 - Approve UL,CSA,CE Marking -800 to -999 - Approve UL and CSA only
	Time Range	0,04 s to 3 h

H3YN-*-B series

H3YN - □ □ - □ - B - □		
① ② ③ ④ ⑤ ⑥		
H3YN Solid-state Timer	① Control Output type ②	-2 - Contact (DPDT) -4 - Contact (4PDT)





	Time Range ③	None - 0.1 s to 10 min 1 - 0.1 min to 10 h 2 - Reserved (0,05 s to 5 min)
	Contact structure ④	None - Normal Contact -Z - Twin Contact
	Case color ⑤	-B - Black
	Remodeling type ⑥	None - Standard product -100 to -199 - Approve CE only -300 to -799 - Approve UL,CSA,CE Marking -800 to -899 - Approve UL and CSA only -900 to -999 - Approve UL,CSA,CE Marking




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