

# NQ1H+NQ2H Series



CB CE UK CA



## New 1W+2W Fixed Input with Reinforced Insulation!

模甸科技 MOTIEN TECHNOLOGY 全新推出

## 直流對直流轉換器–NQ1H+NQ2H Series

### 產品特色：

- ✓ 1W +2W 輸出功率 / SIP 7 包裝
- ✓ 隔離電壓高達5000 VAC
- ✓ 額定強化絕緣工作電壓300Vrms
- ✓ 連續短路保護功能
- ✓ 最高效率達82% (NQ1H) & 86% (NQ2H)
- ✓ 操作溫度範圍: -40°C ~ +95 °C
- ✓ UL/cUL/IEC/EN 62368-1 安全認證

### NQ1H & NQ2H 系列與模甸相似產品規格比較表：

	MOTIEN - NQ1H	MOTIEN - NQ1H-X	MOTIEN - VL	MOTIEN - NQ2H	MOTIEN - NQ2H-X	MOTIEN - VL2
Package	SIP7			SIP7		
Pin Pitch	2.54 mm	2.0 mm	2.54 mm	2.54 mm	2.0 mm	2.54 mm
Pinout compatibility	Compatible	incompatible	Compatible	Compatible	incompatible	Compatible
Short Circuit Protection	YES			YES		
Capacitor Load	68~2200µF	68~2200µF	100~220µF	330~3300µF	330~3300µF	100~1000µF
Isolation Voltage	5000 VAC	5000 VAC	6000 VDC	5000 VAC	5000 VAC	5200 VDC
Case Temperature	+115°C, max.	+115°C, max.	+100°C, max.	115 °C	115 °C	100 °C
Operating Temperature (For Full Load)	-40 ~ +90°C	-40 ~ +90°C	-40 ~ +75°C	-40~90 °C	-40~90 °C	-40~65 °C
CMTI	65 KV/µS @ 1KV	65 KV/µS @ 1KV	N/A	65 KV/µS @ 1KV	65 KV/µS @ 1KV	N/A
Creepage & Clearance	6 mm, min	9 mm, min	N/A	6 mm, min	9 mm, min	N/A
Safety	IEC 62368-1 Reinforced @ 300Vrms working voltage OV2	IEC 62368-1 Reinforced @ 300Vrms working voltage OV3	N/A	IEC 62368-1 Reinforced @ 300Vrms working voltage OV2	IEC 62368-1 Reinforced @ 300Vrms working voltage OV3	N/A



MOTIEN TECHNOLOGY CO., LTD.

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