



## New 1W+2W Fixed Input with Continuous Short Circuit Protection

MOTIEN TECHNOLOGY specializes in DC/DC Converters and is proud to present the new product – NL1+NL2 Series

### Feature:

- ✓ 1W+ 2W Power rating / SIP 4
- ✓ Efficiency is up to 83% (NL1) & 86% (NL2)
- ✓ Continuous Short Circuit Protection
- ✓ Operating temperature: -40°C~+95 °C (NL1)
- ✓ 3000 VDC Isolation
- 40°C~+90 °C (NL2)

### Comparison with MOTIEN existing products :

	NL1	VA	VAP
Package	SIP4	SIP4	SIP4
Pinout compatibility	Compatible		
Short Circuit Protection	YES	NO	YES
Capacitor Load	470~3300 $\mu$ F	220 $\mu$ F	100 $\mu$ F
Isolation Voltage	3000 VDC	1000~3000 VDC	1000~3000 VDC
Startup Time	10 ms max.	N/A	--
Case Temperature	115 °C	100 °C	100 °C
Operating Temperature	-40~95 °C	-40~90 °C	-40~85 °C
Safety	Functional Insulation	Functional Insulation	Functional Insulation

	NL2	VE
Package	SIP4	SIP4
Pinout compatibility	Compatible	
Short Circuit Protection	YES	NO
Capacitor Load	470~3300 $\mu$ F	470 $\mu$ F
Isolation Voltage	3000 VDC	1000~3000 VDC
Startup Time	10 ms max.	--
Case Temperature	115 °C	100 °C
Operating Temperature	-40~90 °C	-40~90 °C
Safety	Functional Insulation	Functional Insulation

