

AX7241 / AX7243

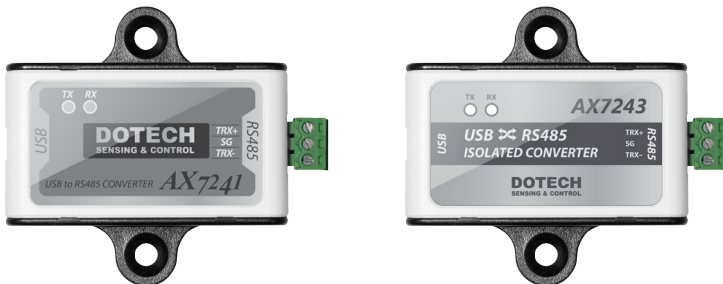
USB to RS485 Converter

User Manual

DOTTECH
SENSING & CONTROL



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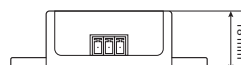
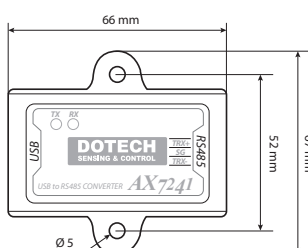


- Virtual COM port mode of USB to RS485 converter
- Reliable officially support Windows Drivers
- USB powered, no need extra power to
- ESD and Surge Protection Built-in
- Hardware TX-ENABLE manner required separate control signal (RTS, CTS, DTR, no need to control using DTE)
- More reliable communication possible with isolated converter

: Specifications

	AX7241	AX7243
USB interface		
Compliance	USB 1.0/1.1 compliant, USB 2.0 compatible	
Speed	12Mbps (Full-Speed USB)	
Connector	USB mini A	
Serial Interface		
Port Type	RS485	
Connector	3Pin Screw Terminal (TRX+(A), TRX-(B), S.G) / EC381V-03P (DINKLE)	
Flow control	Hardware Tx enable	
Duplex Type	2 Wire Half-Duplex	
ESD Protection	15kV embedded	
BPS	up to 2.5Mbps	up to 200Kbps
Isolation	-	3kV Galvanic Isolation
Device Driver support	Windows 8 / 8.1 (32/64bit), Windows 7 (32/64bit), Windows Vista (32/64bit), Windows XP (32/64bit), Windows Server 2003 / 2008 / 2012 Linux, Mac OS X, Windows CE4.2-5.2, Windows CE 6.0/7.0	
Common Specifications		
Port	1	
Power supply	USB-Powered 5Vdc	
Dimensions	66(W) X 67(H) X 18(D)mm	
Weight	20g	
Operating temperature	Temperature: -10 ~ 60°C Humidity: Below 90%RH	
Storage temperature	Temperature: -25 ~ 60°C Humidity: Below 90%RH	
Components	Converter 1ea, Driver CD 1ea, RS485 3pin Connector 1ea, USB A to mini A Cable (1.2M) 1ea	

: Dimensions



※ Specifications are subject to change without prior notice.