

Specifications

Serial interface	Half duplex RS-485 with transformer isolation
Cable type	CAT5 UTP/STP Ethernet cable
Surge protection	10KV
Transmission speed	2.5Mbps, 5Mbps, 10Mbps and 20Mbps
I/O isolation voltage	3750Vrms
Counter Ch.	4 Ch. independent 32-bit counter
Input type	Isolated
Isolated input voltage	Logic level 0: 1V Max. Logic level 1: 5V or 24V
Alarm output	Alarm on counter 0 ~ 3
Input frequency	5Hz ~ 5MHz
Function mode	Counter, Frequency, Period
Input filter	1 μ s ~ 65535 μ s
Output type	Open collector
Power input	18VDC to 36VDC
Power consumption	3W typical
Working temperature	0 to 60°C

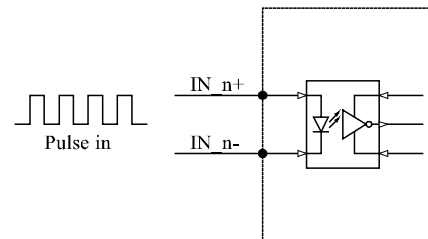
Features

- DIN rail mounting (L-75 x W-124 x H-32 mm)
- Max. 20Mbps transfer rate
- Easy installation with RJ45 phone jack and LED diagnostic
- Programmable input filter
- 4-Ch. up/down 32-bit counter

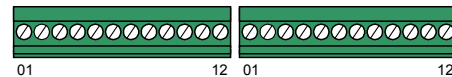
Ordering Information

108-P144	4-Ch. Pulse input slave module
SCB-1BB-06A/10A /20A/30A/50A/A0A	CAT5 LAN cable, 0.6M/1M/2M/3M/5M/10M

Signal Wiring Diagram



Terminal Assignment



PU0+	01	01	PU3+
PU0-	02	02	PU3-
PD0+	03	03	PD3+
PD0-	04	04	PD3-
PU1+	05	05	NC
PU1-	06	06	NC
PD1+	07	07	NC
PD1-	08	08	NC
PU2+	09	09	DO0
PU2-	10	10	DO1
PD2+	11	11	DO2
PD2-	12	12	DO3

Terminal Definitions (CN4,CN5)

Remarks: 1. Specifications are subject to change without prior notice. 2. ODM/OEM is available. 3. For user's manual & datasheet download, visit www.ibase.com.tw.