



# SYNECTIC ELECTRONICS

## SY27\* Pulse splitter



- Low power DC or AC
- Mains powered option
- Up to 4 frequency inputs each with 2 outputs
- Din rail or IP65 sealed wall mount box
- Ideal for BMS with existing meters
- DC power links for easy wiring

The SY27 series of pulse splitters accepts pulse signals from a wide range of meters; Gas, Electric, Water or other pulse transmitting devices. The outputs from the meters can be opto coupler, reed switch, open collector or TTL pulse. The Pulse splitter gives 2 isolated solid state relay out puts for each pulse in. The SY27 series can be specified to have from 1 to four meters or pulse generating devices attached. It can be AC or DC powered and it can be Din rail mounting or in an IP65 sealed case. DC power links are provided to chain power between modules to simplify wiring.

### Specifications

Parameter	Min	Typ	Max
Supply voltage (VDC power version)	8	24	27
AC mains power version	85	230/240	264
Input options	OPTO Coupler, reed switch open collector, TTL pulse		
Current consumption (mA)	10	25	50
Relay Isolation Voltage (Vrms)	1500		
Relay switching voltage (at 110mA)			280V
Relay on resistance			35
Frequency range (Hz)	0		2K
EMC	Tested to BS EN 61000-4-21:2011		
Operating temperature (°C)	-20		65
Storage temperature (°C)	-55		125