

## Din Rail Type

### Type: DN-05/xxxx-L

xxxxx:RS232,RS422,RS423,RS485,0/4-20mA,0-5V,0-10V

L:indication function

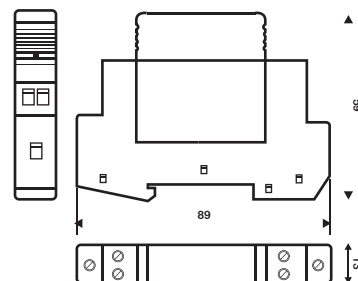
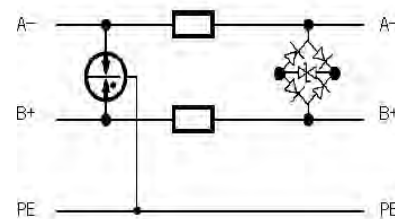
**Surge arrester for double-wire systems/RS485 against surges at the boundaries from lightning protection zone 0>3.**



## Terminal Block Modules series

- Data network protector in according with IEC61643:21-2005.
- Standard design for double-wire systems / RS485
- Limit the transients with gas discharge tubes and transzorb diodes.
- Two-stage protection circuit.
- In aluminium housing.
- Terminal block connector for use in measuring, control and regulation systems.
- Simple installation

Typical circuit diagram



## Technical Data

Model No.	DN-05/ RS485	DN-12/RS485	DN-24/RS485	DN-48/RS485	
Nominal Voltage ( V ) Un DC	5	12	24	48	
Max. Continuous Voltage (V) Uc DC	8	15	28	60	
Nominal Discharge Current ( 8/20us, KA ) In	5				
Maximum Discharge current (8/20us, KA) Imax	10				
Nominal Current ( A ) IL	0.5				
Voltage protection level (8/20μs,V) Up	Line-Line	≤30	≤45	≤60	≤90
	Line-Ground	≤500	≤500	≤500	≤500
Voltage protection level (1KV/μs,V) Up	Line-Line	≤35	≤50	≤65	≤100
	Line-Ground	≤600	≤600	≤600	≤600
Transmission Speed Vs ( bps )	2 M bps				
Series impedance per line (Ohm)	2.2 Ohm				
Insertion loss (dB)	≤0.5				
Protection line	1 twisted-pair				
Environment Temperature (°C)	-25~+70				
Mounting on	35 mm DIN-rail				
Enclosure Material	UL94 V0				
Indication function	Optional				
Pluggable/Non-pluggable	Pluggable				
Technology	Combination of gas discharge tube & diodes with voltage & current limiting facilities.				