

Din Rail Type

Type: DN-05/xxxxx-L

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

L: indication function

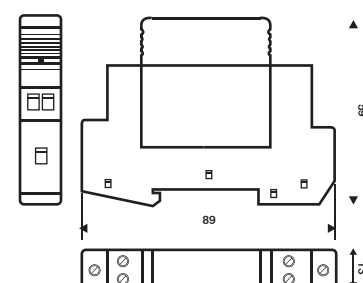
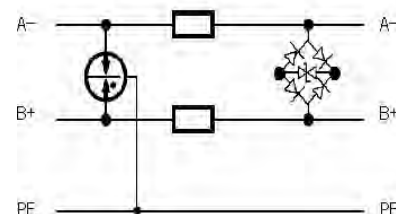
Surge arrester for double-wire systems/RS485 against surges at the boundaries from lightning protection zone 0>3.



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.			