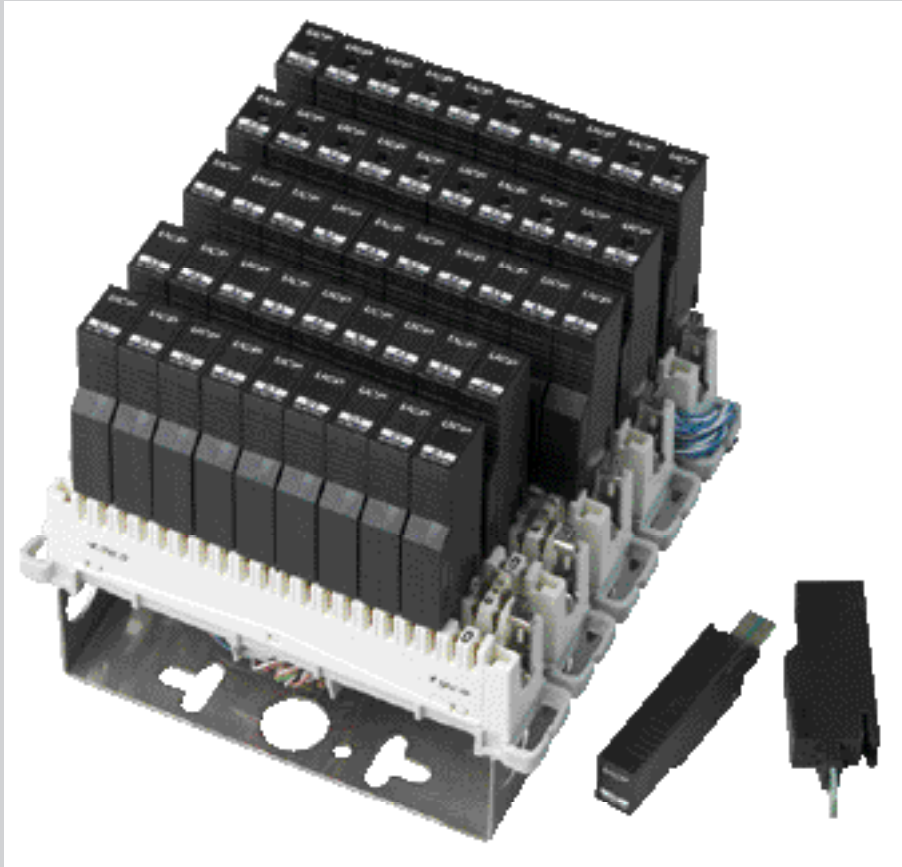


UCP series

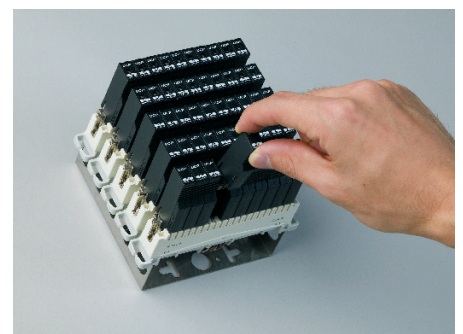


Corresponding to UCS (Universal Connection System)

UCP series corresponds to UCS universal connection system of TYCO Electronics and to CRONE-terminal LSA-plus module is the most suitable surge protection unit for high density wiring system. The surge protection unit protects the communication equipments from lightning surge voltage and current entered into communication lines.

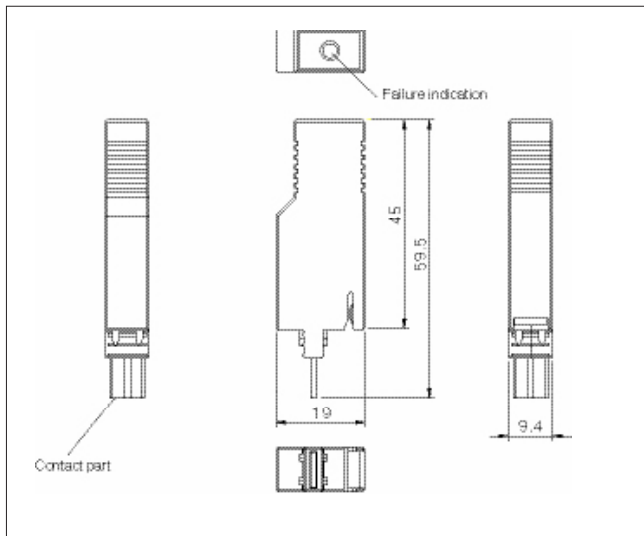
Line-up corresponding to telephone lines and various data transmission lines are available.

- High performance surge protection unit corresponding to the direct lightning stroke wave form(10/350 μ s 2.5kA)
- Corresponding to telephone lines and various data transmission lines
- Plug-in module to high density wiring systems
- With function of failure indication (only in the case of UCP-SD)



UCP series**Outer form**

(mm)

**Plug-in mounting method**

After mounting of earth-bar on UCS disconnection magazine already wired and LSA-plus module, put this unit into the socket. Then the line is connected automatically.

The unit has a function not to break the signal at plug-in and pull-out.

Function of failure indication (only in the case of UCP-SD)

If the unit failed due to lightning surge current over the permissible value, the color of failure indication window is changed from white to red. By using this function the risk in the case of failure can be minimized.

Specifications

Type	UCP-SD	UCP-A2	UCP-DT
Circuit			
Application	Data transmission line General telephone line (xDSL, ISDN, Telephone and the other dedicated lines)	General telephone line	
Max. continuously usable voltage U_c	DC 170V		
Transmission frequency band	DC ~ 10MHz		
DC resistance	less than 12 Ohm		less than 0.1 Ohm
Voltage protection level U_p 1.2/50 μ s 10kV	less than 300V	less than 800V	
Withstanding to impulse current I_n 8/20 μ s	10kA	10kA	10kA
Withstanding to impulse current I_{max} 10/350 μ s	2.5kA	2.5kA	2.5kA
Over-current protection (AC current limitation)	PTC-thermistor		—
Failure indication	Yes	—	—
Environmental conditions	Temperature : -20°C ~ +60°C Moisture : less than 95% (no condensation)		
Suitable magazine*	TYCO Electronics (10 pairs disconnection magazine) Crone terminal (LSA-plus, divided per 10 pairs, Instrument interface module)		
Circuit symbol	L1, L2 : Outer line side terminal T1, T2 : Equipment side terminal GDT : Arrester SA : PNP semiconductor device PTC : PTC-thermistor		

* Additional earth-bar is necessary

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