

Communication Line Protector (CLP) Selection Guide for Customer Premise (CPE) Applications

A	Telco Demarcation (primary protection)			
	Modular	66 Block	Rack Mount	5 Pin
Digital	RJ-DP11* 1 per each line	6-DP 1 per each pair	RM-DP11** 1 per each pair	5S-DP 1 per each pair
Analog	RJ-AP11* 1 per each line	6-AP 1 per each pair	RM-AP11** 1 per each pair	N5-27-GBK 1 per each pair
xDSL	RJ-AD11* 1 per each line	6-AD 1 per each pair	RM-AD11** 1 per each pair	N5-27-GYW 1 per each pair
T1	RJ-DP48C 1 per T1 line	6-DP 1 per each pair	RM-DP48C 1 per T1 line	N5-27-GBE 1 per each pair

B	Intermediate Distribution (secondary protection)			
	Modular	66 Block	5 Pin	Screw Terminal
Digital	RJ-DP11* 1 per each line	6-DP 1 per each pair	N5-27-TYW 1 per each pair	ST-DP-01 1 per each pair
Analog	RJ-AP11* 1 per 4 lines	6-AP 1 per each pair	N5-27GBK 1 per each pair	ST-AP-01 1 per each pair
T1	RJ-DP48C 1 per T1 line	6-DC 1 per each pair	N5-27-GBE 1 per each pair	ST-DP 1 per 2 T1 lines

C	Intermediate Distribution (primary protection)			
	Modular	66 Block	Rack Mount	Screw Terminal
Digital	RJ-DP11* 1 per each line	6-DP 1 per each pair	RM-DP11** 1 per each pair	ST-DP-01 1 per each pair
Analog	RJ-AP11* 1 per each line	6-AP 1 per each pair	RM-AP11** 1 per each pair	ST-AP-01 1 per 4 pair
Ethernet LAN	RJ-ELP100 1 per each line	6-DSP10 1 per each pair	RM-ELP100 1 per each line	
Digital OPX	RJ-DSPXX 1 per each line	6-DSPXX 1 per each pair	5S-DSPXX 1 per each pair	
RS-232			RM-DA30 1 per each pair	

D	Location D: Demarcation Point			
	Modular	66 Block	Rack Mount	5 pin
Digital	RJ-DP11* 1 per each line	6-DP 1 per each pair	RM-DP11** 1 per each pair	5S-DP 1 per each pair
Analog	RJ-AP11* 1 per each line	6-AP 1 per each pair	RM-AP11** 1 per each pair	N5-27-TBK 1 per each pair
Ethernet LAN		6-DSP10 1 per each pair		5S-DSP10 1 per each pair
Digital OPX	RJ-DSPXX 1 per each line	6-DSPXX 1 per each pair	RM-DSPXX 1 per each pair	5S-DSPXX 1 per each pair

NOTE: The installation provided by telco at demarcation point is typically gas tubes and used only to meet NEC Article 800. For further explanation, see ONEAC Total Protection Installation Handbook (913-323).

E	Demarcation Point (primary protection)			
	Modular	66 Block	Rack Mount	5 pin
Digital	RJ-DP11* 1 per each line	6-DP 1 per each pair	RM-DP11** 1 per each pair	5S-DP 1 per each pair
Analog	RJ-AP11* 1 per each line	6-AP 1 per each pair	RM-AP11** 1 per each pair	N5-27-TBK 1 per each pair
LAN		6-DSP10E 1 per each pair		5S-DSP10 1 per each pair
Digital OPX	RJ-DSPXX 1 per each line	6-DSPXX 1 per each pair	RM-DSPXX 1 per each line	5S-DSPXX 1 per each pair

F	Intermediate Distribution (secondary protection)			
	Modular	66 Block	Rack Mount	DB9
Digital	RJ-DP11* 1 per each line	6-DP 1 per each pair	RM-DP11** 1 per each pair	
Analog	RJ-AP11* 1 per each line	6-AP 1 per each pair	RM-AP11** 1 per each pair	
Ethernet LAN	RJ-ELP100 1 per each line	6-DSP10 1 per each pair	RM-ELP100 1 per each line	
RS-232			RM-DA30 1 per each line	DB9-DA30 1 per 9 conductor line DB25-DA30 1 per 25 conductor line

Accessories

The OnLine J-Series protector includes a ground wire and appropriate RJ cable.

The OnLine 5S-Series and Sentinel N5-Series protectors are compatible with all 5-pin base assemblies.

The OnLine 6-Series protectors are compatible with 66 block M-150 base assemblies and require (1) 350-032 for every 25 pairs.

* The OnLine J-Series protectors are available in 1-pair (RJ-AP11), 2-pair (RJ-AP14), or 4-pair (RJ-AP45) versions.

** The Convergent Series are available in 1-pair (RM-AP11) and 2-pair (RM-AP14)

NOTE: The DSP protectors with XX in the part number are placeholders for characters that denote breakdown voltage for the following operating voltages: DSP10 = 5 V; DSP20 = 12 V; DSP36 = 24 V; and DSP68 = 48 V.