

Protection Panels

Key Features

- High density panels save rack space
- The patented Emerson silo protector block improves attenuation, cross talk and insulation resistance
- Connectorized and non-connectorized versions are available
- Gold-plated protector module sockets provide superior electrical contact and eliminate noise problems

Description

Protection panels protect sensitive electronic equipment from overvoltages in indoor racks and outdoor remote terminals. These front access protection panels are configured for industry standard 5-pin protector modules (sold separately). Connectorized and non-connectorized versions are available for installation on 19-in. or 23-in. racks.

Application

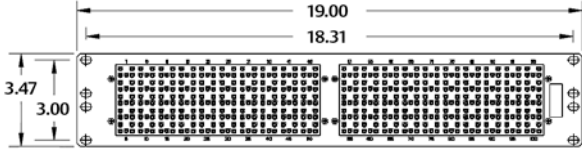
Protector panels are used in central office, building entrance and remote terminal applications and can be rack mounted to protect personnel and equipment from abnormal voltages and currents (ie., lightning strikes, on incoming cable pairs).

NOTE: Other protection panels, as well as connectorized and non-connectorized custom configurations can be provided. Call Emerson for additional information.

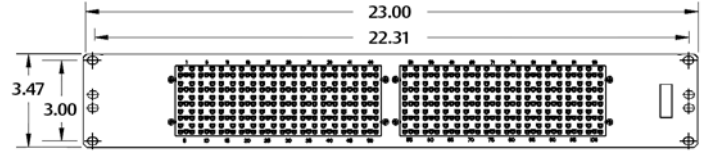


PROT23100NW

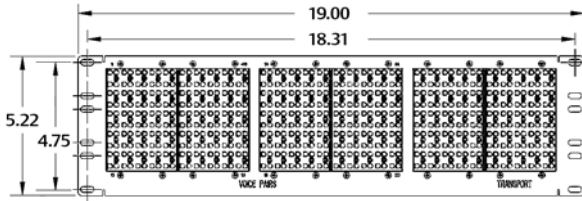
Protection Panels



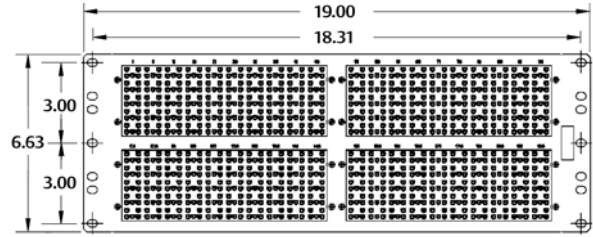
PROT19100NW



PROT23100NW



PROT19150NW



PROT19200NW

Ordering Information

Catalog Number	Part Number	Description	– Dimensions –		
			H	W	D
Non-Connectorized, Wire-Wrap Terminated, Protection Panels					
PROT19100NW	F1008036	100-pr. protection panel	3.47-in.	19-in.	3-in.
PROT23100NW	F1007915	100-pr. protection panel	3.47-in.	23-in.	3-in.
PROT19150NW	F1001054	150-pr. protection panel	5.22-in.	19-in.	3-in.
PROT19200NW	F1008046	200-pr. protection panel	6.63-in.	19-in.	3-in.



Protection Panels

Connectorized Protection Panels for 19" Racks (3.47"H x 19"W x 1.57"D)

100-pr. protection panel with 25-pr. 24AWG cable on both the equipment and field side

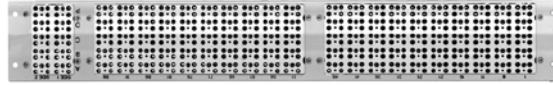
Catalog Number	Part Number	– Equipment Side –		– Field Side –	
		Cable Length	Connector Type	Cable Length	Connector Type
PROT100AC3W3MGP	F1005793	3-ft.	AMP RJ21 Plug	3-ft.	3M 4005-DPM (MS2), Dry
PROT100AC3GR	F1007688	3-ft.	AMP RJ21 Receptacles	3-ft.	AMP RJ21 Receptacles
100DIG3M40054	F003041	4-ft.	3M 4005-DPM (MS2), Dry	5-ft. 2-in.	3M 4005-DPM (MS2), Dry
100DIGNTMA	F1001738	14-ft.	AMP RJ21 Receptacles	14-ft.	3M 4005-DPM (MS2), Dry
100DIGT10ES3MFS	F979030	4-ft.	3M 4005-DPM (MS2), Dry	5-ft. 2-in.	710, Dry
PNL100PRPROT	F989050	4-ft.	710, Gel-Filled	5-ft. 2-in.	710, Dry
100PROCAT5EPROTPNL	F1008027	10-ft.	AMP RJ21 Plug	5-ft.	710, Gel-Filled

Connectorized Protection Panels for 23" Racks (3.47"H x 23"W x 1.57"D)

100-pr. protection panel with 25-pr. 24AWG cable on both the equipment and field side

Catalog Number	Part Number	– Equipment Side –		– Field Side –	
		Cable Length	Connector Type	Cable Length	Connector Type
100PRPROTPNLMSPAN	F1006640	3-ft.	3M 4005-DPM (MS2), Dry	5-ft.	3M 4005-DPM (MS2), Dry

Protection Panels



1SYSPP100CF

Protection Panels for Central Office & Remote Applications (3.0"H x 20.12"W x 1.17"D)

Catalog Number	Part Number	Description
1SYSPP100CF *	F000747	110 pair, 100-pair POTS, 10-pair T1 lines with 100 R3B1E & 10 R3B3E protector modules, capless 710SC125, gel-filled

* To mount on 23-in rack, order mounting adapter kit (P72069).

NOTE: Other protection panels, as well as custom configurations, can be provided. Call Emerson for additional information.

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