SOLUTIONS MATRIX

PROTEK DEVICES

PROTECTION DEVICE SELECTION BY APPLICATION

Final Part Number Selection Will Depend on Voltage, No of Lines, Surge Rating & Package Type Requirements.

	15KPA Series	270OSM78CA	30KPA Series	420E Series	485ELC	704 Series	DFN6-36	DLZ Series	DSOT0502	EMIFSeries	ESD4-DFN	ESD4-LFC	ET721	ET724	GBLCxx/C Series	GBLCxx/CI Series	GBLCSCxx/C Series	GPZ Series	MSMF05	MSMF05C	MSMF05LC	PAM01SC7905C	PAM02SD2312C	PAM08SD23xxC Series	PAM10ST23xxC Series
4-20MA Control Loop				•																					
AC Power	•	•	•																						
Air Bag Sensor																									•
Audio																									
Automatic Braking System																									•
Automotive Checker Circuits																							•		◊
Automotive RKE																									•
Battery/Charge Connector			◊						•																
Buttons									◊					◊	•						•				
Car Stereo, GPS, Display																									•
Card Reader																									
CC-Link							•								•	•									
Charging Port			◊														•								
Control Keys																	•								
Control Lines																			◊	◊	◊				
Data Communication															•										
DC Power	•	•	•			◊												◊							
Defibrillator											•			◊											
Devicenet																									
Display										•															
DVI													◊	◊											
Earphone																					•				
ECU – Electronic Control Unit																						•			
Edge Connector												•		◊						•					
eSATA Bus																									
Ethernet 10/100/1000 Base T														◊	•	•									
Ethernet/IP														◊	•	•									
Front Panel											◊														
Fuel Injection																									
GPIB/VXI Bus																									
HDMI																									
I/O Port																					•				
IDE Bus																									
Ignition																									
Infusion Pump																									

	PAM16AL30A	PAM25DF25K Series	PKFCxxC Series	PLC01-6	PLC03-3.3	PLC03-6	PLC496	PLCDA Serie	PLR0502	PLR0504F	PLR0506	PLR0521	PLR0524P	PLR3304	PLW Family	PMMAD Series	PP-SM Series	PRSB6.8C	PSD05HP	PSDxx/C Series	PSLC xx/CSeries	PSM712	PSMF Series	PSOTxx/C Series	PSR05
4-20MA Control Loop																									
AC Power																									
Air Bag Sensor																									
Audio			•									•						•						•	
Automatic Braking System																									
Automotive Checker Circuits																									
Automotive RKE																									
Battery/Charge Connector															◊				•	•			•		
Buttons																		•							
Car Stereo, GPS, Display																									
Card Reader									•	•	•														
CC-Link																									
Charging Port																			•	•					
Control Keys								•											•	•					
Control Lines								•															•	•	
Data Communication				•	•	•		•	•	•	•														
DC Power																									
Defibrillator																									
Devicenet																								•	
Display								◊		•	•	•													
DVI										•			•												
Earphone			◊									•													
ECU – Electronic Control Unit																									
Edge Connector																									
eSATA Bus								◊	•	•	•	•				◊									
Ethernet 10/100/1000 Base T				•	•	•		◊					•	•											
Ethernet/IP					•	•							•	•											
Front Panel																									
Fuel Injection	•											•													
GPIB/VXI Bus																									
HDMI									•	•	•														
I/O Port																								◊	
IDE Bus									•	•	•					◊									
Ignition	•																								
Infusion Pump									•											•					

	PSRDAxx-4 Series	RSB6.8G	SLVDA2.8LC	SLVU2.8	SLVU2.8-4	SLVU2.8-8	SM16LCxx/C Series	SM3K Series	SM5K Series	SMDAxxLC/LCC Series	SMF Series	SMFxxC Series	SMLCxxC-2 Series	SMP6LCxx-2P Series	SR2.8	SRV05-4	SRV05-4LC	SRV25-4	U0402FCxxC Series	ULC0402FCxxC Series	USB040X/C Series	USB208	VSIP Series	VSMF05LC/LCC
4-20MA Control Loop																								
AC Power								•	•															
Air Bag Sensor																								
Audio		•																		•	◊			
Automatic Braking System																								
Automotive Checker Circuits																								
Automotive RKE																								
Battery/Charge Connector												•												
Buttons		•																	•					•
Car Stereo, GPS, Display																								
Card Reader							•																	
CC-Link																								
Charging Port																								
Control Keys														•									•	
Control Lines	•													•									•	
Data Communication				•										•									•	
DC Power								•	•															
Defibrillator											•											◊		
Devicenet																								
Display																								
DVI																•	•							
Earphone																				•				
ECU – Electronic Control Unit																							•	
Edge Connector																					◊		•	•
eSATA Bus										•				◊						•				
Ethernet 10/100/1000 Base T	•		•	•	•									◊		◊	•	•						
Ethernet/IP	•		•	•	•											•	•	•						
Front Panel																			•				•	
Fuel Injection																								
GPIB/VXI Bus																								
HDMI																								
I/O Port																				•			◊	
IDE Bus										•										•				
Ignition																						◊		
Infusion Pump				•							◊			◊					•					

SOLUTIONS MATRIX

PROTEK DEVICES

PROTECTION DEVICE SELECTION BY APPLICATION

Final Part Number Selection Will Depend on Voltage, No of Lines, Surge Rating & Package Type Requirements.

Application	15KPA Series	2700SM78CA	30KPA Series	420E Series	485ELC	704 Series	DFN6-36	DLZ Series	DSOT0502	EMIFSeries	ESD4-DFN	ESD4-LFC	ET721	ET724	GBLCxx/C Series	GBLCxx/CI Series	GBLCSCxx/C Series	GPZ Series	MSMF05	MSMF05C	MSMF05LC	PAM01SC7905C	PAM02SD2312C	PAM08SD23xxC Series	PAM10ST23xxC Series
4-20MA Control Loop				●																					
Instrumentation, Dashboard																								●	●
Keyboard											◊										●				
LCD Display											●														
Lightning Protection Ballast																									
Memory Card																			●						
Microphone																				●	●				
Modem - ADSL																									
Modem -xDSL															●	●									
Parallel Port (IEEE 1284)																									
Power Supplies																									
Printer																									
Profibus															●										
Profinet															●										
RF In/Out																◊									
RF Modules																●	●								
RS-232 Bus																					●				
RS-422 Bus																									
RS-485 Bus					◊																				
Smart Power Supply									●																
SATA Bus																									
SCSI Bus																									
SDH/ATM/Sonnet Cu Connection															●										
Sensor Lines							●																		
Sensor/Detector															●										
Smart Card																					●				
T1/E1, T3/E3																									
Touch Screen										●															
USB OTG																									
USB1.1																									
USB2.0														◊											
USB3.0																									
VGA													◊	◊											
Video														◊	●						●				
Wireless LAN																									
Wireless WAN																									
X-Ray Scanner															●										

Application	PAM16AL30A	PAM25DF25K Series	PKFCxxC Series	PLC01-6	PLC03-3.3	PLC03-6	PLC496	PLCDA Serie	PLR0502	PLR0504F	PLR0506	PLR0521	PLR0524P	PLR3304	PLW Family	PMMAD Series	PP-SM Series	PRSB6.8C	PSD05HP	PSDxx/C Series	PSLC xx/CSeries	PSM712	PSMF Series	PSOTxx/C Series	PSR05
4-20MA Control Loop																									
Instrumentation, Dashboard																									
Keyboard																		●						◊	
LCD Display								◊			◊			◊											
Lightning Protection Ballast																	●								
Memory Card																									
Microphone			◊																						
Modem - ADSL																	●								◊
Modem -xDSL																	●								
Parallel Port (IEEE 1284)								●								◊							●	●	
Power Supplies																				●					
Printer									●	●	●														
Profibus					●				●				●	●											
Profinet					●								●	●											
RF In/Out																									
RF Modules																									
RS-232 Bus																				◊				●	
RS-422 Bus																				◊				●	
RS-485 Bus																						●			
Smart Power Supply																									
SATA Bus									●	●	●					◊									
SCSI Bus									●	●	●					◊									
SDH/ATM/Sonnet Cu Connection				●	●	●																			
Sensor Lines							●																		
Sensor/Detector																									●
Smart Card																								◊	
T1/E1, T3/E3				●	●	●																			
Touch Screen																									
USB OTG								◊	●										◊						●
USB1.1								◊	●										◊						●
USB2.0									●										◊						
USB3.0									●	●	●	●	●						◊						
VGA										●			●												
Video																									
Wireless LAN																					●				
Wireless WAN																					●				
X-Ray Scanner									●	●	●		●	●											

Application	PSRDAxx-4 Series	RSB6.8G	SLVDA2.8LC	SLVU2.8	SLVU2.8-4	SLVU2.8-8	SM16LCxx/C Series	SM3K Series	SM5K Series	SMDAxxLC/LCC Series	SMF Series	SMFxxC Series	SMLCxxC-2 Series	SMP6LCxx-2P Series	SR2.8	SRV05-4	SRV05-4LC	SRV25-4	U0402FCxxC Series	ULC0402FCxxC Series	USB040X/C Series	USB208	VSIP Series	VSMF05LC/LCC
4-20MA Control Loop																								
Instrumentation, Dashboard																								
Keyboard		●																		●			◊	●
LCD Display														◊										
Lightning Protection Ballast																								
Memory Card																●	●			◊				
Microphone																				●				
Modem - ADSL																					◊			
Modem -xDSL																								
Parallel Port (IEEE 1284)							●							◊					●				◊	
Power Supplies								●	●															
Printer							●																◊	
Profibus																								
Profinet																								
RF In/Out				●																●				
RF Modules																				◊				
RS-232 Bus												●								●				
RS-422 Bus												●												
RS-485 Bus																								
Smart Power Supply																								
SATA Bus										●										●				
SCSI Bus										●										●				
SDH/ATM/Sonnet Cu Connection			●		●																			
Sensor Lines																				●				
Sensor/Detector																●	●							
Smart Card																				●				
T1/E1, T3/E3	◊												●	●							◊			
Touch Screen											●													
USB OTG															●							◊		
USB1.1															●							◊		
USB2.0															●							◊		
USB3.0																				●	◊	◊		
VGA																●	●					●		
Video																						●		●
Wireless LAN					◊	◊														●				
Wireless WAN					◊	◊														●				
X-Ray Scanner																								