

PROLINE™ SLOPED-FRONT HMI, TYPE 4, 4X, 12**INDUSTRY STANDARDS****Painted versions:**

UL 508A Listed; Type 12: File No. E61997
cUL Listed per CSA C22.2 No. 94; Type 12: File No. E61997

NEMA/EEMAC Type 12
IEC 60529, IP55

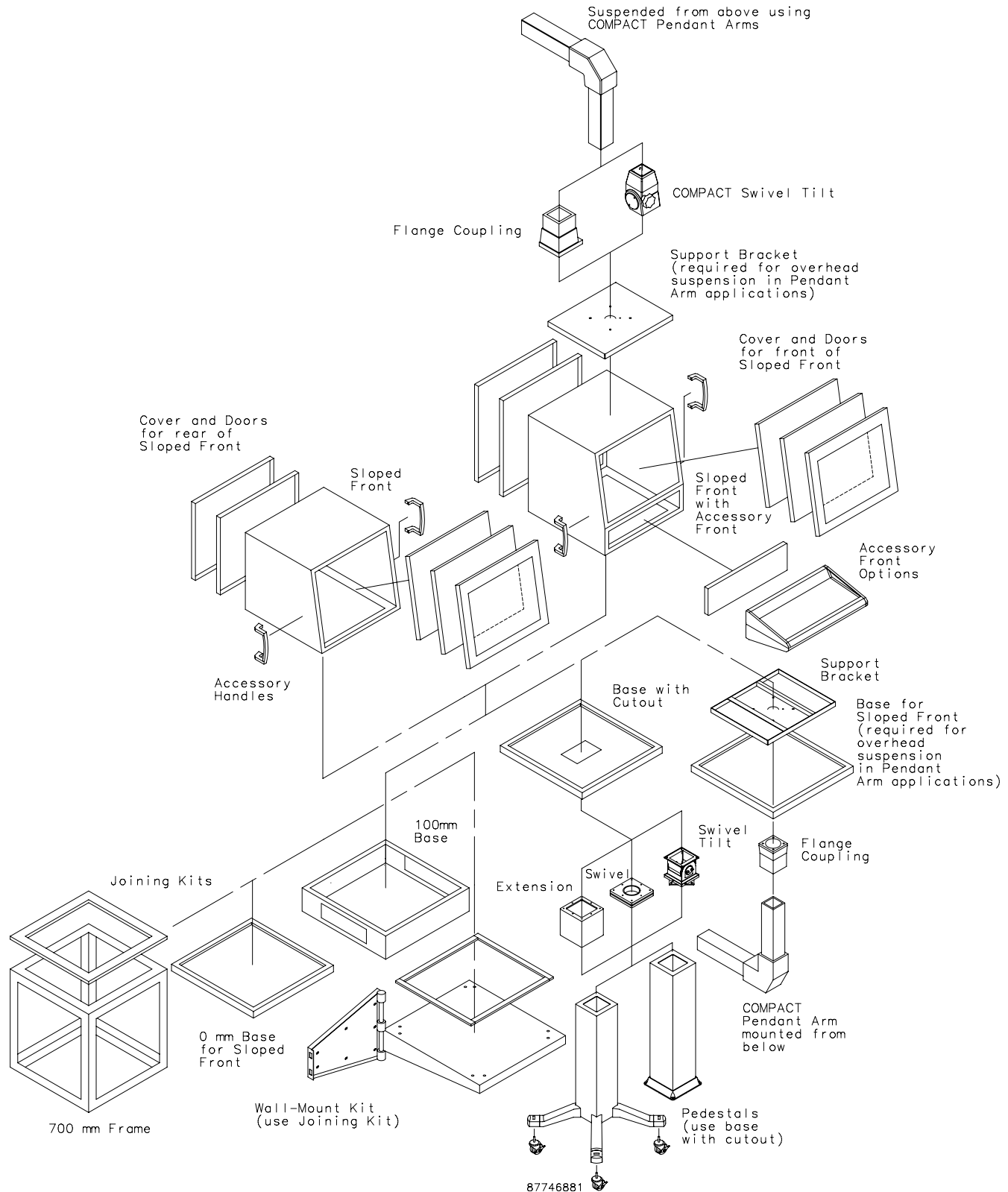
Stainless steel versions:

UL 508A Listed; Type 4, 4X, 12: File No. E61997
cUL Listed per CSA C22.2 No. 94; Type 4, 4X, 12: File No. E61997

NEMA/EEMAC Type 4, 4X, 12
IEC 60529, IP66

APPLICATION

A truly modular, build-your-own system for CRT monitors and keyboards, the PROLINE™ Sloped-Front HMI System's foundation is extremely adaptable for nearly any application. Add one or more of the many possible fronts, backs, mounting options, doors and bases to the core frame to build an enclosure that meets your design specifications.



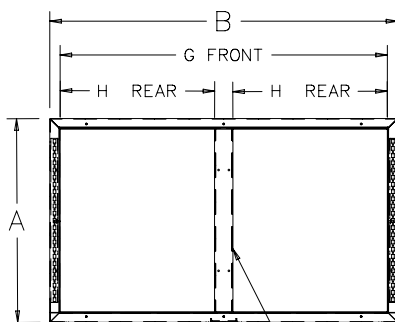
SLOPED FRONT

Enclosure is available in three heights—400, 500 and 700 mm. Full-front opening for door/cover options has a 5-degree slope. Rear opening(s) for door and cover options. Optional PROLINE™ Frame Shelf or PROLINE Grid System is recommended to provide a stationary platform for supporting deep equipment. The open bottom is suitable for joining the top to a 700-mm-tall PROLINE frame. The bottom of the 600 x 600-mm sizes can be joined through a cutout base to a pedestal or pendant arm system. A support bracket accessory allows the 600 x 600-mm sizes to be suspended from an overhanging pendant arm. Sloped-front enclosures are Type 304 stainless steel or 14 gauge steel with a RAL 7035 light-gray textured polyester powder paint finish.

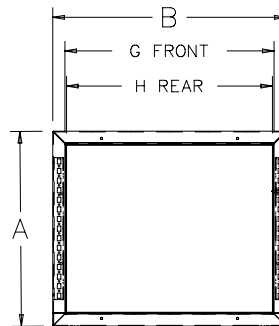
BULLETIN: P9, P9S



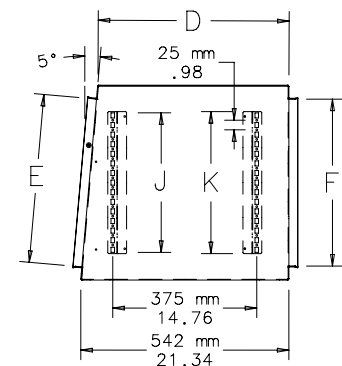
| Catalog Number | AxB mm/in. | D mm/in. | Description | Nominal Size A x B x C mm/in. | Front Opening E x G mm/in. | Rear Opening F x H mm/in. | Internal Mounting J mm/in. | Internal Mounting K mm/in. | Product Weight (lb.) |
|----------------|-----------------------------|--------------|-----------------|-------------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------|
| PST466 | 407 x 608 16.04 x 23.94 | 507 19.96 | Steel | 400 x 600 x 600 | 339 x 536 13.36 x 21.11 | 336 x 564 13.21 x 21.11 | 225 8.86 | 225 8.86 | 44.0 |
| PST566 | 507 x 608 19.98 x 23.94 | 498 19.61 | Steel | 500 x 600 x 600 | 440 x 536 17.31 x 21.11 | 435 x 536 17.13 x 21.11 | 325 12.80 | 325 12.80 | 46.7 |
| PST766 | 707 x 608 27.85 x 23.94 | 481 18.92 | Steel | 700 x 600 x 600 | 641 x 536 25.22 x 21.11 | 636 x 536 25.02 x 21.11 | 525 20.67 | 525 20.67 | 59.9 |
| PST766SS | 707 x 608 27.85 x 23.94 | 481 18.92 | Stainless Steel | 700 x 600 x 600 | 641 x 536 25.22 x 21.11 | 636 x 536 25.02 x 21.11 | 525 20.67 | 525 20.67 | 68.0 |
| PST786 | 707 x 808 27.85 x 31.81 | 481 18.92 | Steel | 700 x 800 x 600 | 640 x 736 25.22 x 28.98 | 636 x 736 25.02 x 28.98 | 525 20.67 | 525 20.67 | 66.0 |
| PST7126 | 707 x 1208 27.85 x 47.56 | 481 18.92 | Steel | 700 x 1200 x 600 | 641 x 1136 25.22 x 44.73 | 636 x 536 25.02 x 21.11 | 525 20.67 | 525 20.67 | 82.0 |



1200 mm wide



800 mm wide



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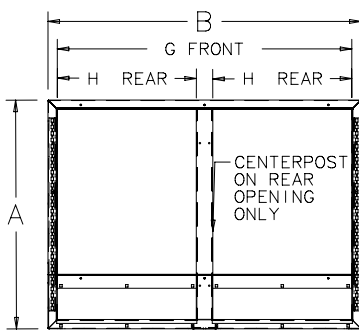
SLOPED FRONT WITH ACCESSORY OPENING

Enclosure is available in two heights: 500 mm and 700 mm. Upper front opening for door/cover options has a 5-degree slope. Lower section is suitable for keyboard or other front options. Rear opening(s) for door and cover options. The internal mounting hole pattern accommodates most PROLINE™ internal accessories. Optional PROLINE Frame Shelf or PROLINE Grid System provides a stationary platform for supporting deep equipment. The open bottom is suitable for joining the top to a 700-mm PROLINE frame. The bottom of the 600 x 600-mm sizes can be joined through a cutout base to a pedestal or pendant arm system. A support bracket accessory allows the 600 x 600-mm size to be suspended from an overhanging pendant arm. Sloped fronts with accessory opening are Type 304 stainless steel or 14 gauge steel with RAL 7035 textured light-gray polyester powder paint finish.

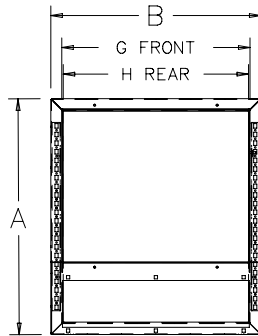


BULLETIN: P9, P9S

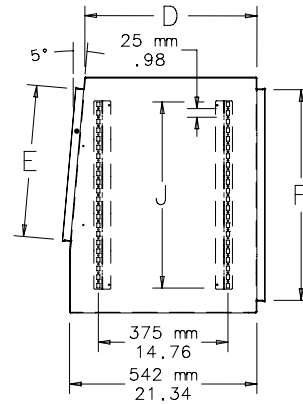
| Catalog Number | AxB mm/in. | D mm/in. | Description | Nominal Size A x B x C mm/in. | Front Opening E x G mm/in. | Rear Opening F x H mm/in. | Internal Mounting J mm/in. | Internal Mounting K mm/in. | Product Weight (lb.) |
|----------------|-----------------------------|--------------|-------------|-------------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------|
| PST5A66 | 682 x 608 26.85 x 23.94 | 498 19.61 | Steel | 500A x 600 x 600 | 440 x 536 17.31 x 21.11 | 611 x 536 24.04 x 21.11 | 500 19.69 | 500 19.69 | 59.0 |
| PST5A86 | 682 x 808 26.85 x 31.81 | 498 19.61 | Steel | 500A x 800 x 600 | 440 x 736 17.31 x 28.98 | 611 x 736 24.04 x 28.98 | 500 19.69 | 500 19.69 | 64.0 |
| PST5A126 | 682 x 1208 26.85 x 47.56 | 498 19.61 | Steel | 500A x 1200 x 600 | 440 x 1136 17.31 x 44.73 | 611 x 536 24.04 x 21.11 | 500 19.69 | 500 19.69 | 86.0 |
| PST7A66 | 882 x 608 34.72 x 23.94 | 481 18.92 | Steel | 700A x 600 x 600 | 641 x 536 25.22 x 21.11 | 811 x 536 31.91 x 21.11 | 700 27.56 | 700 27.56 | 70.0 |
| PST7A86 | 882 x 808 34.72 x 31.81 | 481 18.92 | Steel | 700A x 800 x 600 | 641 x 736 25.22 x 28.98 | 811 x 736 31.91 x 28.98 | 700 27.56 | 700 27.56 | 73.0 |
| PST7A126 | 882 x 1208 34.72 x 47.56 | 481 18.92 | Steel | 700A x 1200 x 600 | 641 x 1136 25.22 x 44.73 | 811 x 536 31.91 x 21.11 | 700 27.56 | 700 27.56 | 111.0 |



1200 mm wide Sloped Top with Accessory Front

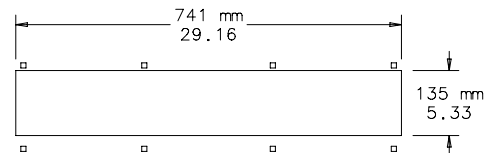
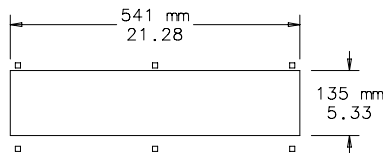


600 mm wide Sloped Top with Accessory Front



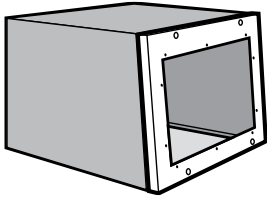
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Accessory Front Opening Dimensions



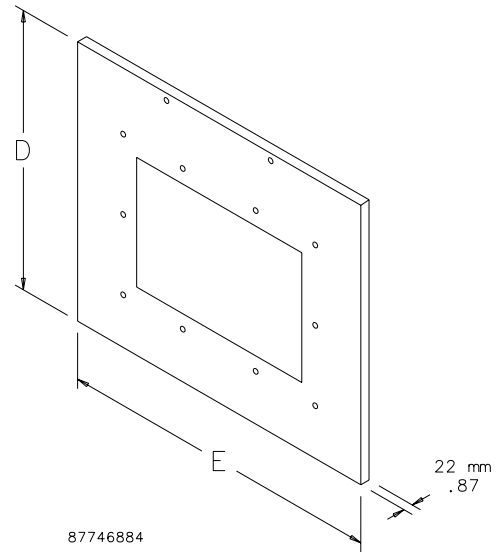
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COVERS WITH HMI CUTOUT FOR UPPER FRONT OF SLOPED FRONTS



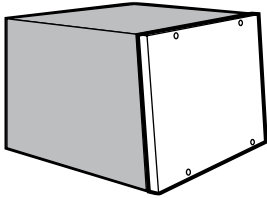
Covers with HMI cutouts are secured to the front opening of a PROLINE™ Sloped Front with semi-flush cover screws along the top and bottom cover edges. Use PROLINE Frame Shelf or PROLINE Grid Straps and Plates to support human-machine interface. Ground stud and mounting hardware are included. Seamless foam-in-place gasket assures a watertight and dust-tight seal. 16 gauge steel cover finish is RAL 7035 textured light-gray polyester powder paint. Optional tamper-resistant cover screws are available. Hoffman can provide pre-configured covers to meet your specific requirements. Contact your local Hoffman sales office or distributor for more information.

BULLETIN: P9



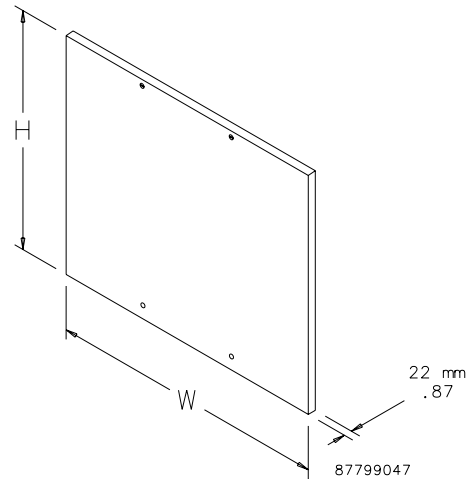
| Catalog Number | Manufacturer | Model for Manufacturer | Approx. HMI Weight (lb.) | Approx. HMI Weight (kg) | D x E mm/in. | Fits Sloped front | Product Weight (lb.) |
|----------------|---------------|------------------------------|--------------------------|-------------------------|----------------------------|--------------------------|----------------------|
| PCSK56F6 | Allen-Bradley | PanelView 1200e/1400e Keypad | 46 | 20.9 | 504 x 592 19.86 x 23.30 | 500 x 600 and 500A x 600 | 13.0 |

COVERS FOR UPPER FRONT OF SLOPED FRONTS



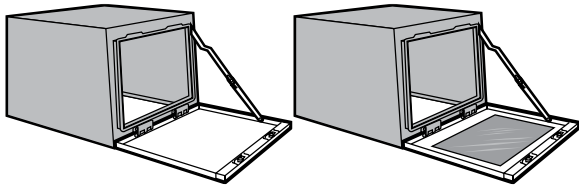
Solid 16 gauge steel covers are secured to the front opening of a PROLINE™ Sloped Front with semi-flush cover screws along the top and bottom cover edges. Ground stud and mounting hardware are included. Seamless foam-in-place gasket assures a watertight and dust-tight seal. Covers are Type 304 stainless steel or 16 gauge steel with a RAL 7035 light-gray textured polyester powder paint finish. Optional tamper-resistant cover screws are available.

BULLETIN: P9, P9S



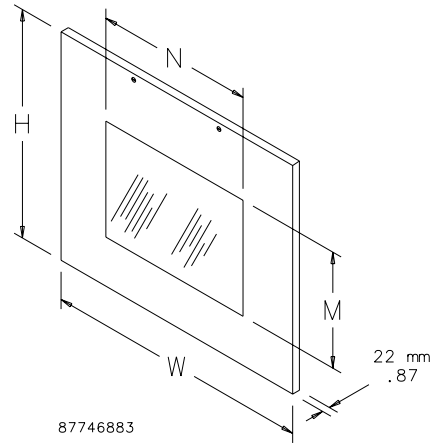
| Catalog Number | Description | Cover Size H x W (mm) | Cover Size H x W (in.) | Product Weight (lb.) |
|----------------|-----------------|--------------------------|---------------------------|----------------------|
| PCS46F | Steel | 406 x 592 | 15.98 x 23.30 | 13.0 |
| PCS56F | Steel | 506 x 592 | 19.93 x 23.30 | 14.0 |
| PCS58F | Steel | 506 x 792 | 19.93 x 31.17 | 17.0 |
| PCS58FSS | Stainless Steel | 506 x 792 | 19.93 x 31.17 | 23.0 |
| PCS512F | Steel | 507 x 1192 | 19.93 x 46.92 | 25.0 |
| PCS76F | Steel | 707 x 592 | 27.84 x 23.30 | 15.5 |
| PCS76FSS | Stainless Steel | 707 x 592 | 27.84 x 23.30 | 19.5 |
| PCS78F | Steel | 707 x 792 | 27.84 x 31.17 | 20.5 |
| PCS712F | Steel | 707 x 1192 | 27.84 x 46.92 | 30.0 |

DOORS FOR UPPER FRONT OF PROLINE™ SLOPED FRONTS



Solid 16 gauge steel doors are available with or without windows. Doors are hinged at lower edge and have quarter-turn latches. A stop arm assembly holds the door at 95 degrees (horizontal) from its closed position. Standard latch and insert options are available. Ground stud and mounting hardware are included. Seamless polyurethane foam-in-place gasket assures watertight and dust-tight seal.

Window doors feature a maximum size .25-in.-thick polycarbonate window with a smoke-gray tint. Window is field-replaceable. Finish is RAL 7035 textured light-gray polyester powder paint or Type 304 stainless steel.



BULLETIN: P9, P9S

Solid Doors for Upper Front

| Catalog Number | Description | Door Size H x W (mm) | Door Size H x W (in.) | Product Weight (lb.) |
|----------------|-----------------|-------------------------|--------------------------|----------------------|
| PDS46F | Steel | 404 x 592 | 15.91 x 23.30 | 14.0 |
| PDS56F | Steel | 504 x 592 | 19.86 x 23.30 | 15.0 |
| PDS56FSS | Stainless Steel | 504 x 592 | 19.86 x 23.30 | 21.5 |
| PDS58F | Steel | 504 x 792 | 19.86 x 31.17 | 18.0 |
| PDS58FSS | Stainless Steel | 504 x 792 | 19.86 x 31.17 | 24.0 |
| PDS512F | Steel | 504 x 1192 | 19.86 x 46.92 | 26.0 |
| PDS76F | Steel | 705 x 592 | 27.77 x 23.30 | 16.5 |
| PDS76FSS | Stainless Steel | 705 x 592 | 27.77 x 23.30 | 20.5 |
| PDS78F | Steel | 705 x 792 | 27.77 x 31.17 | 21.5 |
| PDS712F | Steel | 705 x 1192 | 27.77 x 46.92 | 31.0 |

Window Doors for Upper Front

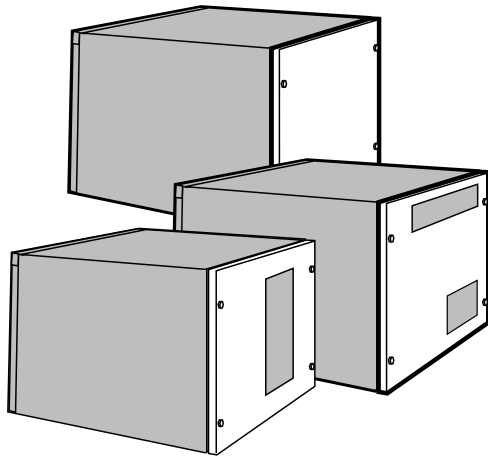
| Catalog Number | Description | Door Size H x W (mm) | Door Size H x W (in.) | Window Size M x N (mm) | Window Size M x N (in.) | Product Weight (lb.) |
|----------------|-----------------|-------------------------|--------------------------|---------------------------|----------------------------|----------------------|
| PDW46F | Steel | 404 x 592 | 15.91 x 23.30 | 254 x 432 | 10.00 x 17.00 | 14.0 |
| PDW56F | Steel | 504 x 592 | 19.86 x 23.30 | 362 x 432 | 14.25 x 17.00 | 15.0 |
| PDW56W16 | Steel | 504 x 592 | 19.86 x 23.30 | 254 x 318 | 10.00 x 12.50 | 15.0 |
| PDW58F | Steel | 504 x 792 | 19.86 x 31.17 | 362 x 635 | 14.25 x 25.00 | 18.0 |
| PDW58FSS | Stainless Steel | 504 x 792 | 19.86 x 31.17 | 362 x 635 | 14.25 x 25.00 | 24.0 |
| PDW76F | Steel | 705 x 592 | 27.77 x 23.30 | 559 x 432 | 22.00 x 17.00 | 16.5 |
| PDW76W21 | Steel | 705 x 592 | 27.77 x 23.30 | 330 x 432 | 13.00 x 17.00 | 16.5 |

UPPER FRONT DOOR ACCESSORIES

These accessories provide a variety of latch configurations for PROLINE™ sloped front doors.

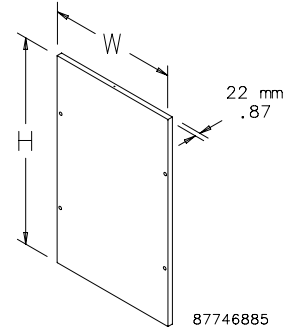
BULLETIN: A54Y, P9

| Catalog Number | Description |
|----------------|------------------------------------|
| LLKSM7 | 7-mm-square key insert |
| LLKSM8 | 8-mm-square key insert |
| LLKDBM3 | Double-bit key insert with 3mm pin |
| LLKDB | Daimler Benz key insert |
| LLKSS | Slotted key insert |
| LLKWK | One wing knob latch and two keys |
| PSTLO | One flush key lock and two keys |

COVERS FOR REAR OF SLOPED FRONTS


Cover fits rear opening of PROLINE™ Sloped Fronts and is secured with semi-flush cover screws along right and left cover edges. Use PROLINE Frame Shelf or PROLINE Grid Straps to support the operator interface. Seamless foam-in-place gasket assures watertight and dust-tight seal. Ground stud and mounting hardware are included. Optional tamper-resistant screws are available. Covers are Type 304 stainless steel or 16 gauge steel finished with RAL 7035 textured light-gray polyester powder paint.

BULLETIN: P9, P9S

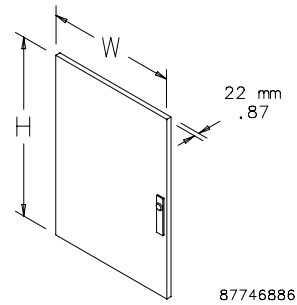
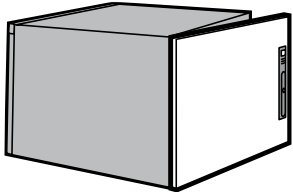

Solid Covers

| Catalog Number | Description | Cover Size H x W (mm) | Cover Size H x W (in.) | Product Weight (lb.) |
|----------------|-----------------|--------------------------|---------------------------|-------------------------|
| PCS46R | Steel | 405 x 596 | 15.96 x 23.47 | 13.0 |
| PCS56R | Steel | 506 x 596 | 19.92 x 23.47 | 14.0 |
| PCS76R | Steel | 596 x 706 | 23.47 x 27.79 | 17.0 |
| PCS76RSS | Stainless steel | 596 x 706 | 23.47 x 27.79 | 23.0 |
| PCS78R | Steel | 706 x 796 | 27.79 x 31.35 | 20.5 |
| PCS5A6R | Steel | 679 x 597 | 26.75 x 23.51 | 15.0 |
| PCS5A6RSS | Stainless steel | 679 x 597 | 26.75 x 23.51 | 21.0 |
| PCS5A8R | Steel | 679 x 796 | 26.75 x 31.35 | 19.0 |
| PCS7A6R | Steel | 879 x 596 | 34.62 x 23.47 | 18.0 |
| PCS7A8R | Steel | 879 x 796 | 34.62 x 31.35 | 24.0 |

Covers with Cutouts for Hoffman Side Mount 13 Series Air Conditioner

| Catalog Number | Description | Cover Size H x W (mm) | Cover Size H x W (in.) | Product Weight (lb.) |
|----------------|-------------|--------------------------|---------------------------|-------------------------|
| PCSK7A6ACR | Steel | 879 x 596 | 34.62 x 23.47 | 18.0 |

DOORS FOR REAR OF PROLINE™ SLOPED TOPS



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Rear doors are side-hinged. The hinges are hidden and provide 130-degree door swing. Optional PROLINE™ 180-Degree Hinge Kit is available (see PROLINE Solid Rear Door Accessories in this section). Doors can be hinged from left or right. Door includes two-point latching with a flush slotted quarter-turn insert. Standard PROLINE handle and insert options are available for retrofit (see PROLINE Solid Rear Door Accessories in this section). Use PROLINE Frame Shelf or PROLINE Grid Straps to support the operator interface. Ground stud and mounting hardware are included. Seamless foam-in-place gasket assures a watertight and dust-tight seal. Covers are Type 304 stainless steel or 16 gauge steel finished with RAL 7035 textured light-gray polyester powder paint.

BULLETIN: P9, P9S

SOLID REAR DOOR ACCESSORIES


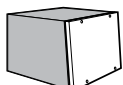
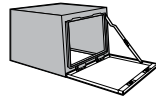
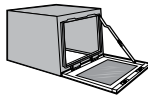

Accessories listed here are designed for use with PROLINE™ Sloped Front Rear Doors.


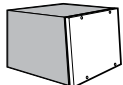
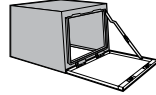
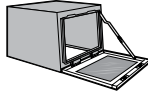

See *PROLINE Accessories in the Modular Enclosure Systems chapter.*


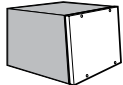
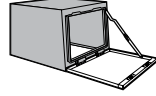
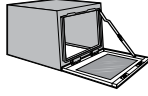

| Catalog Number | Description | Door Size H x W (mm) | Door Size H x W (in.) | Product Weight (lb.) |
|----------------|-----------------|----------------------|-----------------------|----------------------|
| PDS46R | Steel | 405 x 592 | 15.96 x 23.30 | 10.0 |
| PDS56R | Steel | 506 x 592 | 19.91 x 23.30 | 12.0 |
| PDS76STR | Steel | 706 x 592 | 27.79 x 23.30 | 15.0 |
| PDS76RSS | Stainless Steel | 706 x 592 | 27.79 x 23.30 | 19.5 |
| PDS78STR | Steel | 706 x 792 | 27.79 x 31.17 | 19.5 |
| PDS5A6R | Steel | 679 x 592 | 26.75 x 23.30 | 14.5 |
| PDS5A8R | Steel | 679 x 792 | 26.75 x 31.17 | 19.0 |
| PDS7A6R | Steel | 879 x 592 | 34.62 x 23.30 | 18.0 |
| PDS7A8R | Steel | 879 x 792 | 34.62 x 31.17 | 24.0 |


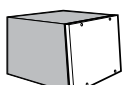
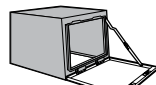
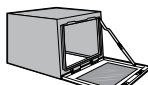

| Catalog Numbers | Description |
|---------------------|-------------------------|
| Key Inserts | |
| PK0TM7 | 7-mm triangle |
| PK0TM8 | 8-mm triangle |
| PK0TM65 | CNOMO |
| PK0SM7 | 7-mm square |
| PK0SM8 | 8-mm square |
| PK0DBK3 | Double-bit with 3mm pin |
| PK0DB | Daimler Benz |
| PK0ATT | AT&T |
| Flush Handle | |
| PSHKBL | One handle and two keys |
| Data Pockets | |
| ADP1 | Small data pocket |
| ADP2 | Large data pocket |

PROLINE™ SLOPED-FRONT HMI ENCLOSURE SYSTEM SELECTION MATRIX: FRONT AND REAR OPTIONS

|  <p>Sloped Front</p> | | | Front Options | | | | | | |
|--|-----|-----|---|-------------------------------|---|------------------------------|---|-------------------------------|---|
| | | |  | |  | |  | |  |
| A | B | C | Solid Cover (Steel) | Solid Cover (Stainless Steel) | Solid Door (Steel) | Solid Door (Stainless Steel) | Window Door (Steel) | Window Door (Stainless Steel) | Cover with HMI Cutout |
| 400 | 600 | 600 | PCS46F | | PDS46F | | PDW46F | | |
| 500 | 600 | 600 | PCS56F | | PDS56F | PDS56FSS | PDW56F OR PDW56W16 | | PCSK56F6 |
| 700 | 600 | 600 | PCS76F | PCS76FSS | PDS76F | PDS76FSS | PDW76W OR PDW76W21 | | PCSK76F6 |
| 700 | 800 | 600 | PCS78F | | PDS78F | | | | |

|  <p>1200-mm Sloped Front</p> | | | Front Options | | | | | | |
|--|------|-----|---|-------------------------------|---|------------------------------|---|-------------------------------|---|
| | | |  | |  | |  | |  |
| A | B | C | Solid Cover (Steel) | Solid Cover (Stainless Steel) | Solid Door (Steel) | Solid Door (Stainless Steel) | Window Door (Steel) | Window Door (Stainless Steel) | Cover with HMI Cutout |
| 700 | 1200 | 600 | PCS712F | | PDS712F | | | | |

|  <p>Sloped Front with Accy. Front Opening</p> | | | Front Options | | | | | | |
|--|-----|-----|--|-------------------------------|--|------------------------------|--|-------------------------------|--|
| | | |  | |  | |  | |  |
| A | B | C | Solid Cover (Steel) | Solid Cover (Stainless Steel) | Solid Door (Steel) | Solid Door (Stainless Steel) | Window Door (Steel) | Window Door (Stainless Steel) | Cover with HMI Cutout |
| 500A | 600 | 600 | PCS56F | | PDS56F | PDS56FSS | PDW56F OR PDW56W16 | | |
| 500A | 800 | 600 | PCS58F | PCS58FSS | PDS58F | PDS58FSS | PDW58F | PDW58FSS | PCSK56F6 |
| 700A | 600 | 600 | PCS76F | PCS76FSS | PDS76F | PDS76FSS | PDW76F OR PDW76W21 | | PCSK76F6 |
| 700A | 800 | 600 | PCS78F | | PDS78F | | | | |

|  <p>1200-mm Sloped Front with Accy. Front Opening</p> | | | Front Options | | | | | | |
|---|------|-----|---|-------------------------------|---|------------------------------|---|-------------------------------|---|
| | | |  | |  | |  | |  |
| A | B | C | Solid Cover (Steel) | Solid Cover (Stainless Steel) | Solid Door (Steel) | Solid Door (Stainless Steel) | Window Door (Steel) | Window Door (Stainless Steel) | Cover with HMI Cutout |
| 500A | 1200 | 600 | PCS512F | | PDS512F | | | | |
| 700A | 1200 | 600 | PCS712F | | PDS712F | | | | |

Selection Matrix: Rear Options

| Rear Options | | | | | Sloped Front | | |
|--------------|----------|------------|-----------------------|-----------------------|--------------|-----|-----|
| | | | | | A | B | C |
| PCS46R | | | PDS46R ^b | | 400 | 600 | 600 |
| PCS56R | | | PDS56R ^b | | 500 | 600 | 600 |
| PCS76R | PCS76RSS | PCSK7A6ACR | PDS76STR ^b | PDS76RSS ^b | 700 | 600 | 600 |
| PCS78R | | | PDS78STR ^b | | 700 | 800 | 600 |

| Rear Options | | | | | 1200-mm Sloped Front | | |
|--------------|---------|------------|-----------------------|-----------------------|----------------------|------|-----|
| | | | | | A | B | C |
| PCS76R | PCS76SS | PCSK7A6ACR | PDS76STR ^b | PDS76RSS ^b | 700 | 1200 | 600 |

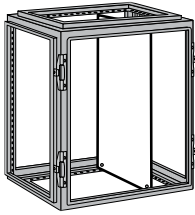
| Rear Options | | | | | Sloped Front with Accy. Front Opening | | |
|--------------|-----------|------------|----------------------|--|---------------------------------------|-----|-----|
| | | | | | A | B | C |
| PCS5A6R | PCS5A6RSS | | PDS5A6R ^b | | 500A | 600 | 600 |
| PCS5A8R | | | PDS5A8R ^b | | 500A | 800 | 600 |
| PCS7A6R | PCS7A6RSS | PCSK7A6ACR | PDS7A6R ^b | | 700A | 600 | 600 |
| PCS7A8R | | | PDS7A8R ^b | | 700A | 800 | 600 |

| Rear Options | | | | | 1200-mm Sloped Front with Accy. Front Opening | | |
|--------------|-----------|------------|----------------------|--|---|------|-----|
| | | | | | A | B | C |
| PCS5A6R | PCS5A6RSS | | PDS5A6R ^b | | 500A | 1200 | 600 |
| PCS7A6R | PCS7A6RSS | PCSK7A6ACR | PDS7A6R ^b | | 700A | 1200 | 600 |

^aFor Hoffman Side-Mount 13 Series air conditioners.

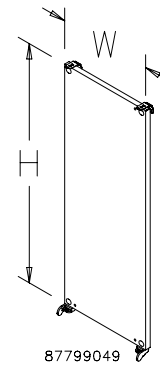
^bDoor hinged on side. Two-point latching with slotted insert. Other handle options are available. See Accessories for Sloped Front HMI Enclosures in this section.

FULL SUBPANELS



Subpanels are 12 gauge steel, have flanges on all sides and are painted white (conductive panels are plated). They can be mounted in PROLINE™ frame bases and HMI sloped fronts at any depth in 25-mm increments using optional grid straps. All mounting hardware is included.

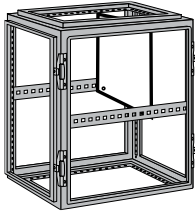
BULLETIN: P20



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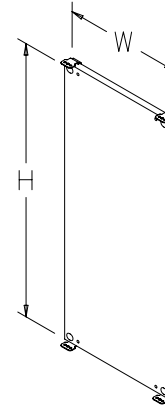
| Catalog Number | Conductive Panel | H (mm) | H (in.) | W (mm) | W (in.) | Fits |
|----------------|------------------|--------|---------|--------|---------|----------------------------|
| PPF76 | PPF76G | 585 | 23.03 | 530 | 20.87 | 500A x 600 and 700 x 600 |
| PPF78 | PPF78G | 585 | 23.03 | 730 | 28.74 | 500A x 800 and 700 x 800 |
| PPF712 | — | 585 | 23.03 | 1130 | 44.49 | 500A x 1200 and 700 x 1200 |

PARTIAL SUBPANELS



Partial Subpanels are 12 gauge steel, have flanges on all sides and are painted white (conductive panels are plated). They can be positioned vertically in .88-in. increments and can also be positioned in PROLINE™ frame bases and HMI sloped fronts at 25-mm increments using optional grid straps. All mounting hardware is included.

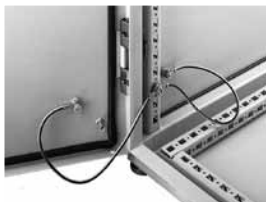
BULLETIN: P20



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| Catalog Number | Conductive Panel | H (mm) | H (in.) | W (mm) | W (in.) | Fits |
|----------------|------------------|--------|---------|--------|---------|-----------------------|
| PPP46 | PPP46G | 360 | 14.17 | 530 | 20.87 | All 600-mm-wide HMIs |
| PPP48 | PPP48G | 360 | 14.17 | 730 | 28.74 | All 800-mm-wide HMIs |
| PPP412 | PPP412G | 360 | 14.17 | 1130 | 44.49 | All 1200-mm-wide HMIs |

PROLINE™ GROUNDING KIT

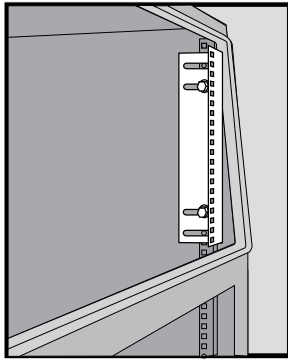


The Grounding Kit allows a PROLINE™ enclosure to be grounded to VDE specifications. Includes six 12 gauge wires 411-mm (16.19-in.) long with ring terminations and M6 mounting hardware.

BULLETIN: P9

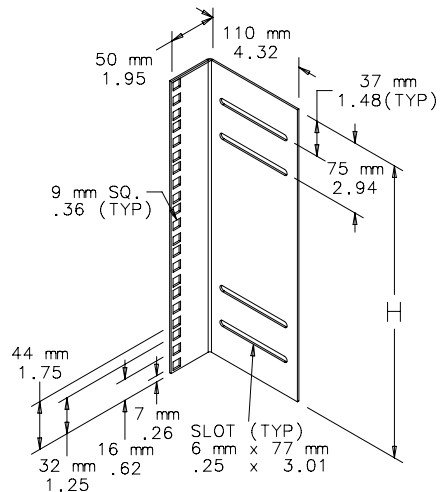
| Catalog Number | Wire Size | Length Between Ring Terminals mm/in. | Ring Terminal Hole Diameter mm/in. |
|----------------|-----------|--------------------------------------|------------------------------------|
| PGK | 12 ga. | 411 16.19 | 7 .29 |

RACK ANGLES FOR SLOPED FRONTS



Symmetrical Rack Angles have through-holes in mounting surfaces for mounting rack equipment. Angles are 14 gauge plated steel. Rack Angles with through-holes accommodate either English or metric cage nuts. Rack Angles are furnished in pairs and comply with ANSI/EIA RS310 rack mounting standards.

BULLETIN: P9



| Catalog Number | Units | H (mm) | H (in.) | Description | Product Weight (lb.) |
|----------------|-------|--------|---------|---|----------------------|
| PRA5TH | 5 | 223 | 8.77 | General Purpose Short Section | 2.5 |
| PRA7TH | 7 | 312 | 12.27 | Fits Front a back of 400-mm-high HMI | 3.5 |
| PRA9TH | 9 | 401 | 15.77 | Fits front of 500/500A and back of 700/500A | 4.5 |
| PRA13TH | 13 | 578 | 22.77 | Fits front of 500/500A and back of 700/500A | 6.5 |
| PRA17TH | 17 | 756 | 29.77 | Fits back of 700A | 8.0 |

One unit = 1.75 inches (44.4mm).

JOINING KITS

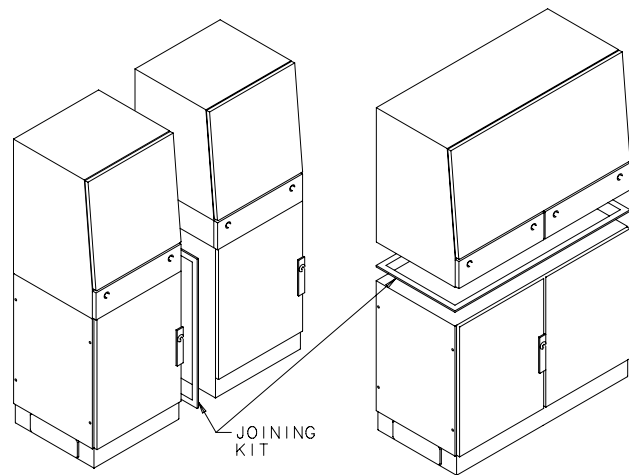


Joining Kits permit joining two 700-mm frames while maintaining an environmental seal. Joining Kit for Side-to-Side Applications (PJ2FW7) fits on either side of the frame.





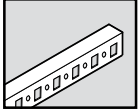
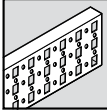
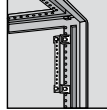
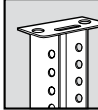
Top-to-frame Joining Kits permit joining two 700-mm frames while maintaining an environmental seal. Joining Kit for Side-to-Side Applications (PJ2FW7) fits on either side of the frame. allow sloped fronts to be attached to 700-mm PROLINE™ frames or to wall-mount kit. Kits available for one sloped front and one frame or one 1200-mm wide sloped front on two joined frames. Kits include gasket and mounting hardware.

BULLETIN: P9

| Catalog Number | Description |
|----------------|---|
| PJ2FW7 | Joins frames side-to-side under HMI Sloped fronts |
| PJSTF6 | Joins HMI sloped front to 600 x 600-mm frame |
| PJSTF8 | Joins HMI sloped front to 800 x 600-mm frame |
| PJSTF12 | Joins HMI sloped front to 1200 x 600-mm frame |



PROLINE™ SLOPED-FRONT HMI ENCLOSURE SYSTEM SELECTION MATRIX: INTERNAL COMPONENTS

|  Sloped Front Frame Bases |  Full Subpanel (See Modular Enclosures) | | |  Partial Subpanel (See Modular Enclosures) | | |  Swing-Out Panel Kit (See Modular Enclosures) | |  Grid Strap One Row (See Modular Enclosures) | | | |  Grid Strap Three Row (See Modular Enclosures) | | | |  Grounding Bar System (See Modular Enclosures) | |  Center Upright (See Modular Enclosures) |
|--|--|----------------|--------|---|----------------|------------------|--|-------|--|--------|--------|---------|---|--------|--------|---------|---|-------|---|
| | PPF76 / PPF76G | PPF78 / PPF78G | PPF712 | PPP46 / PPP46G | PPP48 / PPP48G | PPP412 / PPP412G | PSP76 | PSP78 | PGH156 | PGH157 | PGH159 | PGH1513 | PGH356 | PGH357 | PGH359 | PGH3512 | PGS2K | PGS4K | PCU7 |
| | PF766 | • | | | • | | | • | | • | • | | • | • | | | • | • | |
| PR786 | | • | | | • | | | • | | • | | • | | • | | • | • | | |
| PF7126 | | | • | | | • | | | • | | • | • | | | • | • | • | • | |

Internal Components for Sloped-Front Frame Base

| | | | | | | | |
|---|-------|--|-------------|--|--------|--|---------------------------------|
| | | | | | | | |
| Swing-Out Rack Frame (See Modular Enclosures) | | Rack Angles (See Modular Enclosures) | | Frame Shelf (See Modular Enclosures) | | Frame Reducing Brackets (See Modular Enclosures) | |
| PSF76 | PSF78 | PRA197TH/TP | PRA247TH/TP | PFSH66 | PFSH86 | PRB50 | |
| • | | | | • | | | |
| | • | • | • | | • | • | Sloped Front Frame Bases |
| | | | | | | | PF766 |
| | | | | | | | PF786 |
| | | | | | | | PF7126 |

Accessories for Swing-Out Rack Frame Include:

| | |
|-------------------|------------------------|
| Guides | PSFG |
| Rack Panels | A19RP_____ (23 models) |
| Screw Package | AS1032 or PSMS |
| Clip Nut Packages | AN1032 or PNM5 |

Accessories for Rack Angles Include:

| | |
|------------------------|------------------------|
| Drawers | A19DR2U and A19DR4U |
| Drawer Writing Surface | A19WSDR |
| Guides | PSFG, AG1U5, and AG1U6 |
| Slides | A16SL2U |
| Fixed Shelf | A19SH5 and A19SH6 |
| Pull-Out Shelf | A19SHP6 |
| Rack Panels | A19RP_____ (23 models) |
| Screw Package | AS1032 or PSMS |
| Clip Nut Packages | AN1032 or PNM5 |

ACCESSORY FRONT OPTIONS


A variety of keyboard compartments and shelves, control compartments and writing surfaces is available in steel finished with RAL 7035 light-gray polyester powder paint or Type 304 stainless steel. Each one is designed to fit into the accessory front opening of the PROLINE™ HMI Sloped Front. An access cover is available for applications not requiring a keyboard or controls. An integrated elastomer keyboard/mouse combination is available on some models of the keyboard shelf accessory. The keyboard has 101 keys. Supplied cables are compatible with USB connections. See *Modular Enclosure Systems* chapter for keyboard accessory dimensions.

BULLETIN: P20, P20PC, P20S

Access Covers

| Catalog Number | Description | Fits | Product Weight (lb.) |
|----------------|-----------------|------|----------------------|
| PCS6 | Steel | 600 | 7.3 |
| PCSA6SS | Stainless Steel | 600 | 9.2 |
| PCS8 | Steel | 800 | 7.9 |

Consolet Compartments

| Catalog Number | Description | Fits | Product Weight (lb.) |
|----------------|-----------------|------|----------------------|
| PCC6 | Steel | 600 | 30.0 |
| PCC8 | Steel | 800 | 35.0 |
| PCDS8SS | Stainless steel | 800 | 44.0 |

PCDS6SS - See previous table for information on this compartment.

20-Degree Control Compartments

| Catalog Number | Description | Fits | Product Weight (lb.) |
|----------------|-----------------|------|----------------------|
| PC20A6 | Steel | 600 | 21.0 |
| PC20A8 | Steel | 800 | 26.0 |
| PC20A8SS | Stainless Steel | 800 | 29.0 |

Keyboard Compartments

| Catalog Number | Description | Fits | Product Weight (lb.) |
|----------------|-------------|------|----------------------|
| PKBC6R | Steel | 600 | 42.0 |
| PKBC8R | Steel | 800 | 48.0 |

Keyboard Shelves

| Catalog Number | Description | Fits | Product Weight (lb.) |
|----------------|-------------|------|----------------------|
| PKBS6 | Steel | 600 | 20.0 |
| PKBS8 | Steel | 800 | 24.0 |

Keyboard Shelves with Integrated Keyboard/Mouse

| Catalog Number | Description | Fits | Product Weight (lb.) |
|----------------|-------------------------------|------|----------------------|
| PEKBM6 | Steel with keyboard | 600 | 21.0 |
| PEKBM6SS | Stainless steel with keyboard | 600 | 25.0 |

Notes