CONNECT AND PROTECT

Front Panels

nVent SCHROFF

Modules – Front panels

OVERVIEW

MAIN KATALOG

Cabinets 1

Wall mounted cases 2

Accessories for cabinets and wall mounted cases . . 3

Climate control . . 4

Electronics cases 5

Subracks/ 19" chassis 6

Front panels, plug-in units 7

Systems 8

Power supply units 9

Backplanes 10

Connectors, front panel component system 11

Appendix 12

04292001

STANDARDS

- IEC 60297-3-101/IEEE 1101.1/10

SERVICEPLUS

e.g. individual colouring
e.g. customised cut-outs
e.g. printing
e.g. mounting service
e.g. special dimensions

32304003

04210001 04603009

Modules – Front panels

OVERVIEW

Overview 7.2

FRONT PANELS FOR FITTING IN SUBRACKS, CASES AND SYSTEMS

- Extensive standard range with various finishes and materials (aluminium or stainless steel)
- Front Panel Express:
  Fast delivery service of customised versions (from 2 days)
- EMC shielding retrofittable

04292001

FRONT PANELS, UNSHIELDED

- Aluminium, clear anodised
- Aluminium, clear pre-anodised, cut edge untreated
- Aluminium, front anodised, rear iridescent green chromated
- Other finishes on request

Front panels
Unshielded 7.4
Shieldable 7.5
EMC stainless steel gaskets 7.6
Assembly tool 7.6

04600006

FRONT PANELS SHIELDABLE, FLAT

- With lateral grooves to fit EMC gaskets (stainless steel)
- Compatible with the shielded U profile version

04602004

FRONT PANELS, SHIELDABLE, U PROFILE

- With lateral groove to fix a textile self-adhesive EMC gasket
- Compatible with the shielded flat version
- High robustness through U profile

Front panels
Shieldable (U profile) 7.7
EMC textile gasket . 7.6

04295001 04295002

FURTHER FRONT PANELS

- Hinged/folding front panels
- Front panels with GND/earthing
- Mezzanine front panels
- AdvancedTCA front panels
- MicroTCA front panels
- AdvancedMC front panels

Further front panels
Hinged 7.8
Hinged, shielded ... 7.9
For D-Sub connectors 7.10
For Coax connectors 7.11
3 U with GND/ earthing 7.11
Mezzanine front panels 7.12

Assembly kit 7.107
AdvancedTCA front panels 8.12
MicroTCA front panels 8.65
AdvancedMC front panels 8.60

Modules – Front panels

FRONT PANELS, UNSHIELDED

2 HP

> 2 HP

- Front panel, Al, 2.5 mm
- Versions:
  - Al, anodised
  - Al, anodised, cut edges plain
  - Al, front anodised, rear iridescent green chromated

NOTE

- Other sizes and finishes available on request
- Please order fixing material separately, see chapter Assemply parts, page 7.107

ORDER INFORMATION

Height	H	Width	B	b1	b2	Qty 1)	Anodised, cut edges plain	Anodised	Front anodised, rear colorless chromated
U	mm	HP	mm	mm	mm		Part no.	Part no.	Part no.
1	39.5	84	426.4	411.5	203.2	1	–	–	**20850-426**
2	84.0	84	426.4	411.5	203.2	1	**30818-271**	**30807-416**	**30847-461**
3	128.4	2	9.8	–	–	1 (SPQ 5)[1]	**30810-433**	**30810-432**	**30847-470**
3	128.4	3	14.9	–	–	1 (SPQ 5)[1]	**30818-272**	**30807-508**	**30847-471**
3	128.4	4	20.0	–	–	1 (SPQ 5)[1]	**30818-273**	**30807-481**	**30838-043**
3	128.4	5	25.0	–	–	1 (SPQ 5)[1]	**30818-274**	**30807-510**	**30838-044**
3	128.4	6	30.1	–	–	1 (SPQ 5)[1]	**30818-275**	**30807-482**	**30838-045**
3	128.4	7	35.2	–	–	1 (SPQ 5)[1]	**30818-276**	**30807-509**	**30838-046**
3	128.4	8	40.3	25.4 [2]	–	1 (SPQ 5)[1]	**30818-277**	**30807-484**	**30838-047**
3	128.4	10	50.5	35.6	–	1 (SPQ 5)[1]	**30818-279**	**30807-483**	**30838-049**
3	128.4	12	60.6	45.7	–	1 (SPQ 5)[1]	**30818-281**	**30807-485**	**30838-051**
3	128.4	14	70.8	55.9	–	1 (SPQ 5)[1]	**30818-282**	**30807-501**	**30838-053**
3	128.4	21	106.3	91.4	–	1 (SPQ 5)[1]	**30818-289**	**30807-487**	**30838-060**
3	128.4	28	141.9	127.0	–	1 (SPQ 5)[1]	**30818-296**	**30807-496**	**30838-067**
3	128.4	42	213.0	198.1	101.6 [2]	1	**30818-310**	**30807-494**	**30838-081**
3	128.4	63	319.7	304.8	157.5	1	**30818-331**	**30808-067**	**30838-102**
3	128.4	84	426.4	411.5	203.2	1	**30818-352**	**30807-506**	**30838-123**
4	172.9	84	426.4	411.5	203.2	1	**30818-434**	**30807-596**	**30847-465**
6	261.8	2	9.8	–	–	1 (SPQ 5)[1]	**30818-747**	**30818-741**	**30847-472**
6	261.8	4	20.0	–	–	1 (SPQ 5)[1]	**30818-518**	**30807-778**	**30838-124**
6	261.8	5	25.0	–	–	1 (SPQ 5)[1]	**30818-519**	**30807-777**	**30838-125**
6	261.8	6	30.1	–	–	1 (SPQ 5)[1]	**30818-520**	**30807-752**	**30838-126**
6	261.8	7	35.2	–	–	1 (SPQ 5)[1]	**30818-521**	–	**30838-127**
6	261.8	8	40.3	25.4 [2]	–	1 (SPQ 5)[1]	**30818-522**	**30807-779**	**30838-128**
6	261.8	10	50.5	35.6	–	1 (SPQ 5)[1]	**30818-524**	**30807-753**	**30838-130**
6	261.8	12	60.6	45.7	–	1 (SPQ 5)[1]	**30818-526**	**30807-755**	**30838-132**
6	261.8	14	70.8	55.9	–	1 (SPQ 5)[1]	**30818-528**	**30807-758**	**30838-134**
6	261.8	16	80.9	66.0	–	1 (SPQ 5)[1]	**30818-530**	**30807-780**	**30838-136**
6	261.8	21	106.3	91.4	–	1 (SPQ 5)[1]	**30818-535**	**30807-757**	**30838-141**
6	261.8	28	141.9	127.0	–	1 (SPQ 5)[1]	**30818-542**	**30807-766**	**30838-148**
6	261.8	42	213.0	198.1	101.6 [2]	1	**30818-556**	**30807-764**	**30838-162**
6	261.8	63	319.7	304.8	157.5	1	**30818-577**	**30807-771**	**30838-183**
6	261.8	84	426.4	411.5	203.2	1	**30818-598**	**30807-776**	**30838-204**
9	395.1	84	426.4	411.5	203.2	1	–	–	**30847-556**

1) SPQ (standard pack quantity): Part number includes 1 piece, but delivery is exclusively made in standard pack quantity (SPQ); please order at least the SPQ quantity or a multiple

2) This dimension is only available for "front anodised, rear iridescent green chromated" version

- Please order fixing material (sleeves, collar screws) separately, see page 7.107

Modules – Front panels

FRONT PANELS, SHIELDABLE

2 HP

> 2 HP

- Front panel, Al, 2.5 mm, front anodised, rear iridescent green chromated, 2 alignment pins pressed-in, stainless steel
- Shielding with stainless steel EMC gasket

ORDER INFORMATION

Height H U	mm	Width HP	B mm	b1 mm	b2 mm	Alignment pin	Qty	Part no.
2	84	84	426.4	411.5	203.2	–	1	**30846-588**
3	128.4	2	9.8	–	–	–	1 (SPQ 5)[1)]	**30846-864**
3	128.4	3	14.9	–	–	x	1 (SPQ 5)[1)]	**20846-425**
3	128.4	4	20	–	–	x	1 (SPQ 5)[1)]	**20846-426**
3	128.4	5	25	–	–	x	1 (SPQ 5)[1)]	**20846-427**
3	128.4	6	30.1	–	–	x	1 (SPQ 5)[1)]	**20846-428**
3	128.4	7	35.2	–	–	x	1 (SPQ 5)[1)]	**20846-429**
3	128.4	8	40.3	25.4	–	x	1 (SPQ 5)[1)]	**20846-430**
3	128.4	10	50.5	35.6	–	x	1 (SPQ 5)[1)]	**20846-431**
3	128.4	12	60.6	45.7	–	x	1 (SPQ 5)[1)]	**20846-432**
3	128.4	14	70.8	55.9	–	x	1 (SPQ 5)[1)]	**20846-433**
3	128.4	21	106.3	91.4	–	x	1 (SPQ 5)[1)]	**20846-434**
3	128.4	28	141.9	127	–	x	1 (SPQ 5)[1)]	**20846-436**
3	128.4	42	213	198.1	101.6	x	1	**20846-437**
3	128.4	63	319.7	304.8	157.5	x	1	**20846-438**
3	128.4	84	426.4	411.5	203.2	–	1	**30846-676**
4	172.9	84	426.4	411.5	203.2	–	1	**30846-683**
6	261.8	2	9.8	–	–	–	1 (SPQ 5)[1)]	**30846-865**
6	261.8	4	20	–	–	x	1 (SPQ 5)[1)]	**20846-443**
6	261.8	5	25	–	–	x	1 (SPQ 5)[1)]	**20846-444**
6	261.8	6	30.1	–	–	x	1 (SPQ 5)[1)]	**20846-445**
6	261.8	7	35.2	–	–	x	1 (SPQ 5)[1)]	**20846-446**
6	261.8	8	40.3	25.4	–	x	1 (SPQ 5)[1)]	**20846-447**
6	261.8	10	50.5	35.6	–	x	1 (SPQ 5)[1)]	**20846-448**
6	261.8	12	60.6	45.7	–	x	1 (SPQ 5)[1)]	**20846-449**
6	261.8	14	70.8	55.9	–	x	1 (SPQ 5)[1)]	**20846-450**
6	261.8	16	80.9	66	–	x	1 (SPQ 5)[1)]	**20846-456**
6	261.8	21	106.3	91.4	–	x	1 (SPQ 5)[1)]	**20846-451**
6	261.8	28	141.9	127	–	x	1 (SPQ 5)[1)]	**20846-452**
6	261.8	42	213	198.1	101.6	x	1	**20846-453**
6	261.8	63	319.7	304.8	157.5	x	1	**20846-454**
6	261.8	84	426.4	411.5	203.2	–	1	**30846-771**
9	395.1	84	426.4	411.5	203.2	–	1	**30846-859**

Delivery is exclusively made in Standard Pack Quantity (SPQ): Please order at least 5 pieces or a multiple.
Pricing is per individual item.

NOTE

- Please order fixing material (sleeves, collar screws) separately, see page 7.107
- Please order stainless steel EMC gasket separately, see page 7.6

Modules – Front panels

STAINLESS STEEL EMC GASKET

bga45760

Montagewerkzeug

aza45937

- The stainless steel EMC gaskets are inserted into the lateral slots of the shieldable front panels (2 pieces per front panel)

DELIVERY COMPRISES

Item	Qty	Description
1	10/100	EMC gasket (stainless steel)

ORDER INFORMATION

Height U	Height mm	Qty/PU	Part no.
2	52	10	**21101-775**
3	97	10	**21101-705**
3	97	100	**21101-706**
4	142	10	**21101-713**
4	142	100	**21101-714**
5	187	10	21101-777
5	187	100	21101-778
6	232	10	**21101-707**
6	232	100	**21101-708**
9	367	10	**21101-709**
9	367	100	**21101-710**
Assembly tool for EMC gasket (stainless steel), 1 piece			**24560-270**

NOTE

- Please order assembly tool separately

TEXTILE EMC GASKET

04602054

EMC characteristic (typical, green)
B1 (red): -40 ... -70 °C, B2 (blue): -40 ... -85 °C

04614052

- Textile EMC gasket is glued laterally on the front panel, in the groove of the right-hand profile
- 2 temperature ranges
  - Temperature range -40... +70 °C
  - Temperature range -40... +85 °C

DELIVERY INCLUDES

Item	Qty	Description
1	see Order Information	EMC textile gasket, core: TPE foam (-40... +70 °C), Core: silicon with hollow chamber (-40... +85 °C), sleeve: textile cladding with CuNi coating

ORDER INFORMATION

Height U	Height mm	Qty/PU piece	Part no. Temperature range -40... +70 °C	Part no. Temperature range -40... +85 °C
2	52	10	**21101-857**	**21102-857**
3	97	10	**21101-853**	**21102-853**
3	97	100	**21101-854**	**21102-854**
4	142	10	**21101-858**	**21102-858**
5	187	10	**21101-978**	**21102-978**
6	232	10	**21101-855**	**21102-855**
6	232	100	**21101-856**	**21102-856**
9	365	10	**21101-859**	**21102-859**
9	365	100	**21101-904**	**–**

Modules – Front panels

FRONT PANELS, U PROFILE, SHIELDABLE

2 HP

3 U

04608155 04608158

> 3 HP

04608156

- High stability through U profile
- Front panel, U profile, Al, front anodised, rear conductive, 2 alignment pins pressed-in, stainless steel
- Differerences in the finish between 2 ... 12 HP and 14 ... 84 HP

ORDER INFORMATION

Height H U	mm	Width HP	B mm	b1 mm	b2 mm	Alignment pin	Qty	Part no.
2	84	84	426.4	411.5	203.2	–	1 (SPQ 5)1)	**20848-262**
3	128.4	2	9.8	–	–	x	1 (SPQ 5)1)	**30849-001**
3	128.4	3	14.9	–	–	x	1 (SPQ 5)1)	**30849-004**
3	128.4	4	20	–	–	x	1 (SPQ 5)1)	**30848-354**
3	128.4	5	25	–	–	x	1 (SPQ 5)1)	**30848-378**
3	128.4	6	30.1	–	–	x	1 (SPQ 5)1)	**30848-380**
3	128.4	7	35.2	–	–	x	1 (SPQ 5)1)	**30848-382**
3	128.4	8	40.3	25.4	–	x	1 (SPQ 5)1)	**30848-356**
3	128.4	10	50.5	35.6	–	x	1 (SPQ 5)1)	**30848-386**
3	128.4	12	60.6	45.7	–	x	1 (SPQ 5)1)	**30848-358**
3	128.4	14	70.8	55.9	–	x	1 (SPQ 5)1)	**20848-013**
3	128.4	16	80.9	66	–	x	1 (SPQ 5)1)	**20848-015**
3	128.4	21	106.3	91.4	–	x	1 (SPQ 5)1)	**20848-020**
3	128.4	28	141.9	127	–	x	1 (SPQ 5)1)	**20848-027**
3	128.4	42	213	198.1	101.6	x	1	**20848-047**
3	128.4	63	319.7	304.8	157.5	x	1	**20848-068**
3	128.4	84	426.4	411.5	203.2	–	1	**20848-097**
4	172.9	84	426.4	411.5	203.2	–	1	**20848-271**
6	261.8	2	9.8	–	–	x	1 (SPQ 5)1)	**30849-002**
6	261.8	4	20	–	–	x	1 (SPQ 5)1)	**30848-355**
6	261.8	5	25	–	–	x	1 (SPQ 5)1)	**30848-379**
6	261.8	6	30.1	–	–	x	1 (SPQ 5)1)	**30848-381**
6	261.8	7	35.2	–	–	x	1 (SPQ 5)1)	**30848-383**
6	261.8	8	40.3	25.4	–	x	1 (SPQ 5)1)	**30848-357**
6	261.8	10	50.5	35.6	–	x	1 (SPQ 5)1)	**30848-387**
6	261.8	12	60.6	45.7	–	x	1 (SPQ 5)1)	**30848-359**
6	261.8	14	70.8	55.9	–	x	1 (SPQ 5)1)	**20848-106**
6	261.8	16	80.9	66	–	x	1 (SPQ 5)1)	**20848-108**
6	261.8	21	106.3	91.4	–	x	1 (SPQ 5)1)	**20848-113**
6	261.8	28	141.9	127	–	x	1 (SPQ 5)1)	**20848-120**
6	261.8	42	213	198.1	101.6	x	1	**20848-139**
6	261.8	63	319.7	304.8	157.5	x	1	**20848-160**
6	261.8	84	426.4	411.5	208.3	–	1	**20848-189**
9	395.1	84	426.4	411.5	203.2	–	1	**20848-280**

1) Delivery is exclusively made in Standard Pack Quantity (SPQ): Please order at least 5 pieces or a multiple.
Pricing is per individual item.

NOTE

- Differences in finish between 2 ... 12 HP and 14 ... 84 HP
  - 2 ... 12 HP: one-part U-profile
  - 14 ... 84 HP: multi-part U-profile (front panel with crimped profiles)
- Please order fixing material (sleeves, collar screws) separately, see page 7.107
- Please order textile EMC gasket separately, see page 7.6

Part number in bold face type: ready for despatch within 2 working days
Part number in normal type: ready for despatch within 10 working days

Modules – Front panels

FRONT PANELS, BOTTOM-HINGED

04295001

04602080

Unshielded

04602079

Shielded

- Suitable for subracks (europacPRO) and cases (ratiopacPRO, propacPRO, compacPRO)
- Front panel can be unhinged at 135° (not ratiopacPRO) opening angle
- The useable width is not restricted
- Mounts on the horizontal rails
- 2 versions:
  - unshielded
  - shielded, U front panel with textile EMC gasket

DELIVERY COMPRISES (kit)

Item	Qty Unshielded	Qty Shielded	Description
1	1	-	Front panel, hinged, Al, 2.5 mm, anodised, cut edges plain
1a	-	1	Front panel, U profile, hinged, Al, 2.5 mm, front anodised, rear iridescent green chromated
2	2	2 (28 HP) / 3	Hinge, Zn die-cast, nickel-plated
3	2 / 3 (84 HP)	2 (28 HP) / 3	Sleeve, PA
4	2 / 3 (84 HP)	2 (28 HP) / 3	Collar screw M2.5 x 12.3, nickel-plated
5	-	1	EMC textile gasket, core: foam, sleeve: textile cladding with CuNi coating
6	1	1	Assembly kit

ORDER INFORMATION

Dimensions Height U	Width HP	Unshielded Part no.	Shielded Part no.
3	28	**20838-280**	**20848-608**
3	42	**20838-271**	**20848-599**
3	63	**20838-272**	**20848-600**
3	84	**20838-273**	**20848-601**
4	42	**20838-277**	**20848-605**
4	63	**20838-278**	**20848-606**
4	84	**20838-279**	**20848-607**
6	28	**–**	**20848-696**
6	42	**20838-274**	**20848-602**
6	63	**20838-275**	**20848-603**
6	84	**20838-276**	**20848-604**

DIMENSIONS

Dimensions Height U	Width HP	A mm	B mm	C mm	D mm	H mm	Shielded Part no.
3	28	141.9	127.0	–	–	128.4	**20848-608**
3	42	213.0	198.1	101.6	86.4	128.4	**20848-599**
3	63	319.7	304.8	157.5	137.2	128.4	**20848-600**
3	84	426.4	411.5	203.2	193.0	128.4	**20848-601**
4	42	213.0	198.1	101.6	86.4	172.9	**20848-605**
4	63	319.7	304.8	157.5	137.2	172.9	**20848-606**
4	84	426.4	411.5	203.2	193.0	172.9	**20848-607**
6	28	141.9	127.0	–	–	261.8	**20848-696**
6	42	213.0	198.1	101.6	86.4	261.8	**20848-602**
6	63	319.7	304.8	157.5	137.2	261.8	**20848-603**
6	84	426.4	411.5	203.2	193.0	261.8	**20848-604**

Dimensions Height U	Width HP	A mm	B mm	C mm	H mm	Unshielded Part no.
3	28	141.9	127.0	–	128.4	**20838-280**
3	42	213.0	198.1	–	128.4	**20838-271**
3	63	319.7	304.8	–	128.4	**20838-272**
3	84	426.4	411.5	203.2	128.4	**20838-273**
4	42	213.0	198.1	–	172.9	**20838-277**
4	63	319.7	304.8	–	172.9	**20838-278**
4	84	426.4	411.5	–	172.9	**20838-279**
6	42	213.0	198.1	–	261.8	**20838-274**
6	63	319.7	304.8	–	261.8	**20838-275**
6	84	426.4	411.5	203.2	261.8	**20838-276**

Modules – Front panels

FRONT PANEL, HINGED, SHIELDED

04295002

06106053

04602081

- Suitable for subracks (europacPRO) and cases (ratiopacPRO, propacPRO, compacPRO)
- Mounts on horizontal rails
- Front panel with textile EMC gasket
- Hinges can be fitted on left or right

DELIVERY COMPRISES (kit)

Item	Qty	Description
1	1	Front panel, hinged, Al, 2.5 mm, front anodised, rear iridescent green chromated
2	2	Hinge, Zn die-cast, chrome-plated
3	1	Textile EMC gasket, core: foam, sleeve: textile cladding with CuNi coating
4	1	Assembly kit

ORDER INFORMATION

Height U	H mm	h mm	W mm	w mm	Part no.
3	128.4	89.9	426.4	203.2	**20848-611**
6	261.8	223.2	426.4	203.2	**20848-617**

Part number in bold face type: ready for despatch within 2 working days
Part number in normal type: ready for despatch within 10 working days

Modules – Front panels

FRONT PANELS FOR D-SUB CONNECTORS

Cut-out 9-pin

Cut-out 15-pin

Cut-out 25-pin

Unshielded

EMC gasket, stainless steel

For textile EMC gasket

- 3 U/4 HP
- Aluminium, front anodised, rear irisdescent green chromated
- Shielding through: stainless steel EMC or textile EMC gasket (please order separately)

DELIVERY COMPRISES

Item	Description
1a	Front panel, Al, 2.5 mm, front anodised, rear irisdescent green chromated
1b	Front panel, Al, 2.5 mm, front anodised, rear iridescent green chromated; for EMC stainless steel gasket
1c	Front panel, U profile, Al, 2.5 mm, front anodised, rear conductive; for EMC gasket (textile)

ORDER INFORMATION

Cut-out	Qty	Unshielded Part no. 1a	For EMC gasket Stainless steel Part no. 1b	Textile Part no. 1c
1 × 9-polig	1 piece (SPQ 5)	**30118-341**	**30118-348**	30849-749
2 × 9-polig	1 piece (SPQ 5)	**30118-344**	**30118-351**	30849-750
3 × 9-polig	1 piece (SPQ 5)	**30118-347**	30118-354	30849-751
1 × 15-polig	1 piece (SPQ 5)	**30118-342**	**30118-349**	30849-752
2 × 15-polig	1 piece (SPQ 5)	**30118-345**	30118-352	30849-753
1 × 25-polig	1 piece (SPQ 5)	**30118-343**	30118-350	30849-754
2 × 25-polig	1 piece (SPQ 5)	**30118-346**	30118-353	30849-755

Delivery is exclusively made in Standard Pack Quantity (SPQ): Please order at least 5 pieces or a multiple.
Pricing is per individual item.

NOTE

- Please order fixing material (sleeves, collar screws) separately, see page 7.107
- Please order stainless steel EMC gasket separately, see page 7.6
- Please order textile EMC gasket separately, see page 7.6

Modules – Front panels

FRONT PANELS FOR COAX CONNECTORS

04602057

- 3 U/4 HP
- Aluminium, 2.5 mm, front anodised, rear irisdescent green chromated

ORDER INFORMATION

Description	Qty/PU	Part no.
Cut-out 4 x Coax, unshielded	1	**30118-355**

NOTE

- Please order fixing material (sleeves, collar screws) separately, see page 7.107

FRONT PANELS 3 U WITH GND/EARTHING CONNECTION

02998001

- Earthed front panel (protection class 1)

DELIVERY COMPRISES (items 1 – 3 assembled)

Item	Qty	Description
1	1	Front panel 3 U, Al, 2.5 mm, front anodised, rear iridescent green chromated with GND/earthing connection
2	4	Plastic sleeve, PA, grey
3	4	Collar screws, M2.5 x 11 and 12.3 Pozidrive, St, nickel-plated
4	1	GND/earthing kit, length of GND/earthing cable 320 mm

ORDER INFORMATION

Height U	Width HP	Qty	Part no.
3	7	1 piece (SPQ 5)	**20119-159**
3	14	1 piece (SPQ 5)	**20119-160**
3	21	1 piece (SPQ 5)	**20119-161**
3	28	1 piece (SPQ 5)	**20119-162**
3	42	1	**20119-163**

Delivery is exclusively made in Standard Pack Quantity (SPQ): Please order at least 5 pieces or a multiple.
Pricing is per individual item.

NOTE

- Please order fixing material (sleeves, collar screws) separately, see page 7.107

PMC MEZZANINE FRONT PANELS

04615054

- Based on PCI 2.2 specification
  (PCI = **P**eripheral **C**omponent **I**nterface)
- In accordance with PMC mezzanine specification IEEE P 1386

PMC MEZZANINE FRONT PANEL KIT, SHIELDED, WITH TRAPEZOIDAL EXTRACTOR HANDLE TYPE 1

MPA44845

Item 3: front panel, item 5: EMC gasket, item 6: front handle

- PMC= **P**CI **M**ezzanine **C**ard
- For module size 194 x 74 mm^2
- In accordance with specification IEEE P1386
  (CMC= **C**ommon **M**ezzanine **C**ard)
- 6 U/4 HP front panel with stainless steel EMC gasket and front handles

DELIVERY INCLUDES (assembled)

Item	Qty	Description
3	1	PMC front panel, Al extrusion, 6 U, 4 HP, clear passivated
5	1	EMC gasket (St, stainless)
6	2	Trapeziform extraxtor handle, type 1

ORDER INFORMATION

Item	Description	Part No.
3+5+6	Front panel with 2 cut-outs	20897-950
Accessories		
Spacer to mount PMC and FMC mezzanine boards		see page 7.15
Voltage keying/coding pin for PMC mezzanine boards		see page 7.15
PMC cover for front panel cutouts for EMC shielding, PMC gasket for mezzanine front panels		see page 7.13
PMC gasket for mezzanine front panels		see page 7.13

Modules – Front panels

PMC CUTOUT COVER FOR EMC PROTECTION

Item 9: EMC cover; Item 3: front panel

- EMC cover to close unused cut-outs in the PMC mezzanine front panels
- Material stainless steel, 0.2 mm
- Colour: black or bright

ORDER INFORMATION

Colour	Qty	Part no.
Black	1 piece (SPQ 10)	**60835-024**
Bright	1 piece (SPQ 10)	**60835-022**

Delivery is exclusively made in Standard Pack Quantity (SPQ): Please order at least 10 pieces or a multiple.
Pricing is per individual item.

PMC BEZEL FOR MEZZANINE FRONT PANELS

- Mezzanine front panel is fitted into PMC front panel cut-outs; EMC shielding with conductive O-ring
- Material:
  - Aluminium extrusion (anodised, contact surfaces conductive)
  - Zinc die-cast (untreated, black or chrome-plated, matt)

DELIVERY COMPRISES (kit)

Item	Qty	Description
4	1	PMC bezel for mezzanine front panel, Zn die-cast or Al extrusion
7	1	EMC gasket (O-ring), Cho-Seal

ORDER INFORMATION

PMC mezzaninefront panel Material	Qty/PU	with EMC gasket Part no.	without EMC gasket Part no.
Al extrusion, anodised, contact surfaces conductive	1	**20835-598**	**–**
Al extrusion, anodised, contact surfaces conductive	10	**20835-889**	**20835-899**
Zn die-cast, untreated	1	**20835-890**	**–**
Zn die-cast, untreated	10	20835-893	20835-896
Zinc die-cast, black, chromated	1	**20835-922**	**–**
Zinc die-cast, black, chromated	10	20835-924	20835-931
Zinc die-cast, chrome-plated, matt	1	**20835-923**	**–**
Zinc die-cast, chrome-plated, matt	10	20835-928	20835-929
Cheesehead screw M2.5 × 5 mm, PU 100 pieces			**21100-624**
EMC gasket O-ring, 1 piece (Standard Pack Quantity 10 pieces)			**60835-021**

Part number in bold face type: ready for shipping within 2 working days
Part number in normal type: ready for shipping within 10 working days

FMC MEZZANINE FRONT PANELS

04615052

- FMC = FPGA mezzanine card
- For standard defined I/O mezzanine modules which connect to carrier cards
- For single 69.0 x 76.5 mm or double 139.0 x 76.5 mm modules
- In accordance with Vita 57.1 specification

FMC MEZZANINE FRONT PANEL KIT, SHIELDED, WITH IEL HANDLE

04615050

- 3 U or 6 U, 4 HP, U-shaped front panels with textile gasketing
- 1 or 3 FMC cutouts (depending on height)
- 1 or 2 IEL front handles (depending on height)
- EMC shielded, both the front panel and the FMC bezels

DELIVERY INCLUDES (assembled)

Item	Qty 3 U	Qty 6 U	Description
1	1	1	FMC front panel, U profile, Al, 4 HP, front anodized, rear conductive, 3 U has 1 cut out, 6 U has 3 cut outs
2	1	1	EMC textile gasket for front panel
3	1	2	IEL handle (handel, black, RAL 9005; button, light grey, RAL 7035)
4	1	3	FMC bezel for front panel cut outs
5	1	3	EMC gasket (O-ring)
6	1	1	Assembly kit

ORDER INFORMATION

Height U	Part no.
3	20836-253
6	20836-254
Accessories	
Spacer to mount PMC mezzanine boards	see page 7.15

Assemblies – Front panels

EMC BEZEL FOR FMC MEZZANINE FRONT PANEL CUT-OUTS

4 5

Front panel express solution

- FMC bezel is fitted into FMC Mezzanine front panel cut-outs
- Material, Al extrusion (anodised, contact surface conductive)
- Shielding for FMC bezels with an optional conductive O-ring, please order separately

ORDER INFORMATION

Description	Item	Qty/PU piece	Part no.
EMC bezel for FMC Mezzanine front panel cut outs	4	10	20835-849
Accessories			
EMC gasket for mezzanine front panel item 5 , O-ring, (VITA 57.1), 1 piece (standard pack quantity 10 pieces)			**60835-077**
Cheesehead screw M2.5 x 5 mm, PU 100 pieces			**21100-624**

SPACER TO MOUNT PMC AND FMC MEZZANINE BOARDS

Spacer within PMC application

- To provide a standoff between mezzanine boards per the IEEE P1386 or VITA 57.1 specification and the carrier card

ORDER INFORMATION

Description	Item	Material	Qty	Part no.
Spacer	10	St, zinc-plated	1 piece (SPQ 10)	**60897-278**

Delivery is exclusively made in Standard Pack Quantity (SPQ): Please order at least 10 pieces or a multiple.
Pricing is per individual item.

VOLTAGE KEYING/CODING PIN FOR PMC MEZZANINE BOARDS

Application

- To prevent accidental damage when fitting mezzanine boards, keying/coding pins are bolted to the VMEbus boards to distinguish between 3.3 V and 5 V operation. The mezzanine boards have a hole drilled in the appropriate position. The keying/coding pin thus ensures that only mezzanine boards with the same operating voltage can be inserted. For double-height euroboards 2 pieces are required.

ORDER INFORMATION

Description	Item	Material	Qty	Part no.
Keying/ coding pin 5 V/3.3 V	11	St, zinc-plated	1 piece (SPQ 10)	**60827-026**

Delivery is exclusively made in Standard Pack Quantity (SPQ): Please order at least 10 pieces or a multiple.
Pricing is per individual item.

North America

Warwick, RI, USA
Tel +1.800.525.4682
San Diego, CA, USA
Tel +1.800.854.7086

Europe, Middle East & India

Straubenhardt, Germany
Tel +49 7082 794 0
Betschdorf, France
Tel +33 3 88 90 64 90
Warsaw, Poland
Tel +48 22 209 98 35
Hemel Hempstead, Great Britain
Tel +44 1442 24 04 71
Lainate, Italy
Tel +39 02 932 714 1
Dubai, United Arab Emirates
Tel +971 4 37 81 700
Bangalore, India
Tel +91 80 67152000
Istanbul, Turkey
Tel +90 216 250 7374

Asia Pacific

Shanghai, China
Tel +86 21 2412 6943
Singapore
Tel +65 6768 5800
Shin-Yokohama, Japan
Tel +81 45 476 0271

Our powerful portfolio of brands:

CADDY ERICO HOFFMAN RAYCHEM SCHROFF TRACER

nVent

nVent.com/SCHROFF

©2018 nVent. All nVent marks and logos are owned or licensed by nVent Services GmbH or its affiliates. All other trademarks are the property of their respective owners.
nVent reserves the right to change specifications without notice.