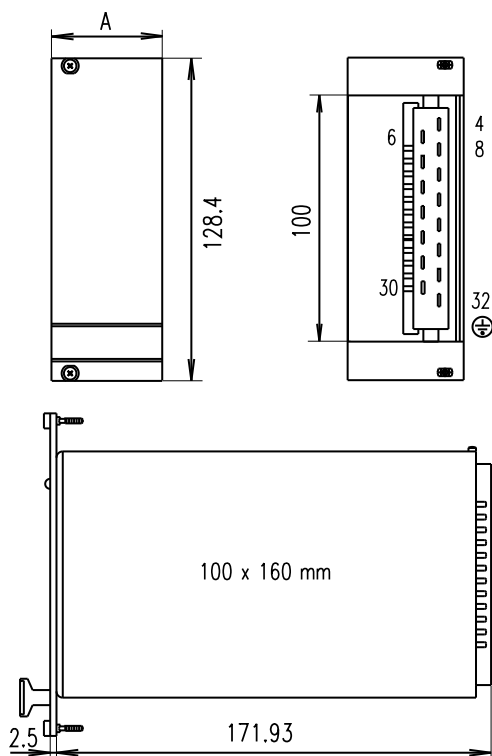


Power supplies–19" AC/DC switch-mode PSUs

Maxpower 50 W, single



11317001



Connector pin-out

Pin	Connection
4	Output + V ₁
6	Output + V ₁
8	Sense line + V ₁
10	Sense line 0V V ₁
12	Output 0V V ₁
14	Output 0V V ₁
16	Parallel operation
18	-
20	Test
22	-
24	Output OK
26	-
28	L
30	N
32	PE ⊕

- Wide input voltage range 90 to 253 V_{AC} and 130 to 340 V_{DC}
- 1 output voltage
- Signaling: Output voltage OK
- Includes installed front panel
- Efficiency up to 88%
- Standby (no load) power output < 1.5 W
- Redundancy operation
 - With hot swap function
 - With active OR decoupling
 - 24 V, 48 V version with decoupling diode - hot swap
 - No base load required
 - Automatic load distribution depending on power supply unit (PSU) temperature
 - No current share line between the power supplies necessary
 - Quasi-resonant topology reduces emissions that affect electromagnetic compatibility (EMC)



DELIVERY INCLUDES

Qty.	Description
1	19" compatible power supply with installed front plate height 3 U width A: 6 HP depth 171.93 mm (160 mm board depth) H15M connector coding strip (fitted) EMC seal (included)

ORDER INFORMATION

Voltage V	Current A	Power W	Description	Part no.
5	10	50 1)	MAX50-105	13100-170
12	4.2	51	MAX50-112	13100-171
15	3.4	51	MAX50-115	13100-172
24	2.1	51	MAX50-124	13100-173
48	1.1	53	MAX50-148	13100-174

Accessories

Connector H 15 F FASTON connection, 1 piece	69001-733
Coding PU (1 keying/coding strip, 2 pieces keying/coding pins)	60800-123

Note

- Output data at TU = -25 ... 50 °C
- Customized front panels available at www.frontplattenexpress.eu

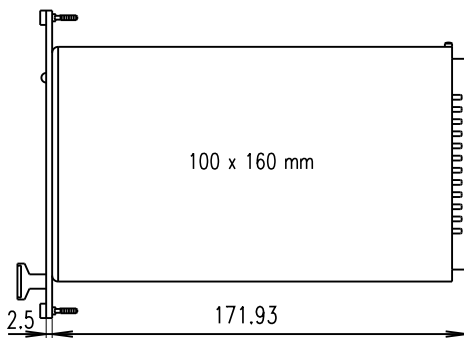
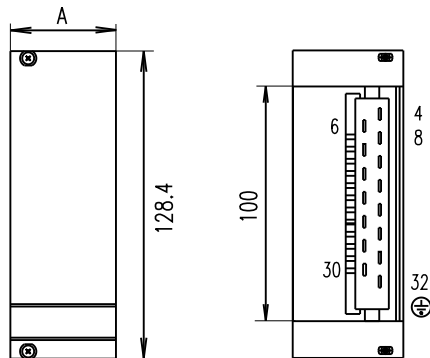
DJUM0084

Power supplies–19" AC/DC switch-mode PSUs

MAXPOWER 100 W, SINGLE



11399005



Connector pin-out

Pin	Connection
4	Output + V ₁
6	Output + V ₁
8	Sense line + V ₁
10	Sense line 0 V ₁
12	Output 0 V ₁
14	Output 0 V ₁
16	–
18	–
20	–
22	CSB
24	Output OK
26	–
28	L
30	N
32	PE ⊕

DJLM0084

- Wide input voltage range 90 ... 254 V_{AC} and 100 ... 360 V_{DC} with active power factor correction (PFC)
- High power density
- Single output voltage
- Integrated decoupling diode for redundancy operation
- Active current share bus (CSB)
- Signalling: Output voltage OK



DELIVERY COMPRISES

Qty	Description
1	19" compatible power supply height 3 U width A: 6 HP depth 171.93 mm (160 mm board depth) connector H 15 M coding strip (fitted)

ORDER INFORMATION

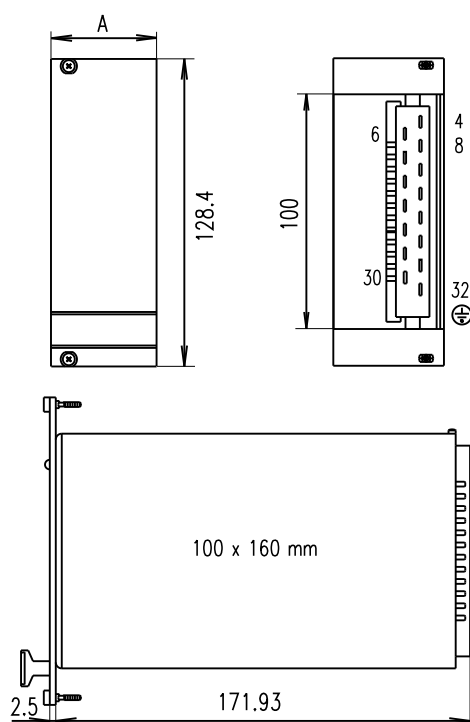
Voltage V	Current A	Power W	Description	Part no.
5	16	80	MAX 105	13100-102
12	8.3	100	MAX 112	13100-103
15	6.6	99	MAX 115	13100-104
24	4.2	101	MAX 124	13100-105
Front panel 6 HP, Al, front anodised, rear iridescent green chromated, with vertical grooves for EMC gaskets, incl. assembly kit, 1 piece				21006-943
EMC gaskets (stainless steel) 3 U, 97 mm, stainless steel, two pieces necessary per front panel, PU 10 pieces				21101-705
Connector H 15 F Mating connector (female) for wiring inputs/ outputs (6.3 mm FASTON), 1 piece				69001-733
Coding PU (1 keying/coding strip, 2 pieces keying/coding pins)				60800-123

Note

- Please order front panel separately
- Output data for mains voltage > 190 V_{AC}, T_A = 0 ... 50 °C
- Further accessories see page 9.16

Power supplies–19" AC/DC switch-mode PSUs

MAXPOWER 100 W, ADJUSTABLE, SINGLE



Connector pin-out

Pin	Connection
4	Output + V ₁
6	Output + V ₁
8	Sense line + V ₁
10	Sense line 0 V ₁
12	Output 0 V ₁
14	Output 0 V ₁
16	–
18	–
20	–
22	CSB
24	Output OK
26	–
28	L
30	N
32	PE ⊕

- Wide adjustment range of output voltage
- Wide input voltage range 90 ... 264 V_{AC} and 100 ... 360 V_{DC} with active Power Factor Correction (PFC)
- Single output voltage
- Integrated decoupling diode for redundancy operation
- Active Current Share Bus (CSB)
- Signalling: Output voltage OK



DELIVERY COMPRISES

Qty	Description
1	19" compatible power supply height 3 U width A: 6 HP depth 171.93 mm (160 mm board depth), output voltage factory preset to 12 V / 24 V Connector H 15 M Coding strip (fitted)

ORDER INFORMATION

Voltage V	Current A	Power W	Description	Part no.
4.5–17	5.9	100	MAX LR	13100-133
16–30	3.4	102	MAX UR	13100-134
Front panel 6 HP, Al, front anodised, rear iridescent green chromated, with vertical grooves for EMC gaskets, incl. assembly kit, 1 piece				21006-954
EMC gaskets (stainless steel) 3 U, 97 mm, stainless steel, two pieces necessary per front panel, PU 10 pieces				21101-705
Connector H 15 F Mating connector (female) for wiring inputs/ outputs (6.3 mm FASTON), 1 piece				69001-733
Coding PU (1 keying/coding strip, 2 pieces keying/coding pins)				60800-123

Note

- **Please order front panel separately**
- Output data for mains voltage > 190 V_{AC}, T_A = 0 ... 50 °C
- Further accessories see page 9.16

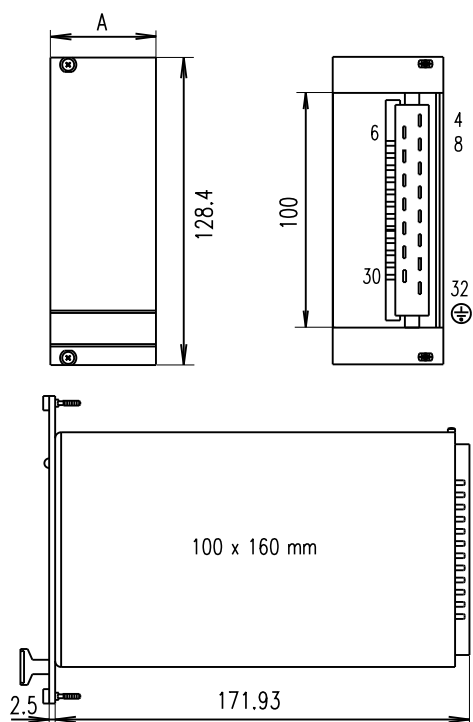
DUM0084

Power supplies–19" AC/DC switch-mode PSUs

MAXPOWER 180 W, SINGLE



11308005



Connector pin-out

Pin	Connection
4	Output + V ₁
6	Output + V ₁
8	Sense + V ₁
10	Sense 0V V ₁
12	Output 0V V ₁
14	Output 0V V ₁
16	Output + V ₁
18	Output 0V V ₁
20	Test
22	CSB
24	DC output OK
26	–
28	L
30	N
32	PE ⊕

DJLM0084

- Wide input voltage range 90 ... 254 V_{AC} and 100 ... 360 V_{DC} with active Power Factor Correction (PFC)
- Single output voltage
- Integrated active decoupling for redundancy operation
- Active Current Share Bus (CSB)
- Signalling: Output voltage OK
- Efficiency up to 87 %



DELIVERY COMPRISES

Qty	Description
1	19" compatible power supply height 3 U width A: 8 HP depth 171.93 mm (160 mm board depth) connector H 15 M coding strip (fitted)

ORDER INFORMATION

Voltage V	Current A	Power W	Description	Part no.
5	30	150	MAX 180-105	13100-150
12	13	156	MAX 180-112	13100-151
15	11	165	MAX 180-115	13100-152
24	7	168	MAX 180-124	13100-153

Front panel 8 HP, Al extrusion, front anodised, rear iridescent green chromated, shielded with fixed textile gasket, incl. assembly kit, 1 piece **31006-677**

Connector H 15 F Mating connector (female) for wiring inputs/ outputs (6.3 mm FASTON), 1 piece **69001-733**

Coding PU (1 keying/coding strip, 2 pieces keying/coding pins) **60800-123**

Note

- **Please order front panel separately**
- Output data for mains voltage > 190 V_{AC}, T_A = 0 ... 50 °C
- Further accessories see page 9.16

Power supplies–19" AC/DC switch-mode PSUs

MAXPOWER 100 W, DUAL



- Wide input voltage range 90 ... 254 V_{AC} and 100 ... 360 V_{DC} with active power-factor correction (PFC)
- High power density
- 2 output voltages
- Efficiency up to 80%



DELIVERY COMPRISES

Qty	Description
1	19"-compatible power-supply unit height: 3 U width A: 8 HP depth 171.93 mm (160 mm board depth) connector H 15 M coding strip (fitted)

11300010

ORDER INFORMATION

Voltage V	Current A	Power W	Description	Part no.
V1: 5 V2: 12	I ₁ : 9 I ₂ : 4	93	MAX 2512	13100-112
V1: 5 V2: 24	I ₁ : 9 I ₂ : 2	93	MAX 2524	13100-114
V1: 12 V2: -12	I ₁ : 4.2 I ₂ : 4.2	101	MAX 212	13100-115
V1: 15 V2: -15	I ₁ : 3.4 I ₂ : 3.4	102	MAX 215	13100-116

Front panel 8 HP, Al, front anodised, rear iridescent green chromated, with vertical grooves for EMC gaskets, incl. assembly kit, 1 piece **21006-945**

EMC gaskets (stainless steel) 3 U, 97 mm, stainless steel, two pieces necessary per front panel, PU 10 pieces **21101-705**

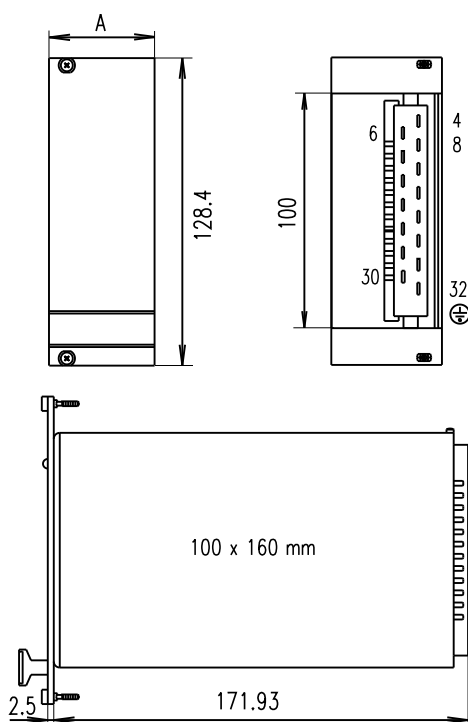
Connector H 15 F Mating connector (female) for wiring inputs/ outputs (6.3 mm FASTON), 1 piece **69001-733**

Coding PU (1 keying/coding strip, 2 pieces keying/coding pins) **60800-123**

Note

- **Please order front panel separately**
- Output data for mains voltage > 190 V_{AC}, T_A = 0 ... 50 °C
- Further accessories see page 9.16

DJM0084



Connector pin-out

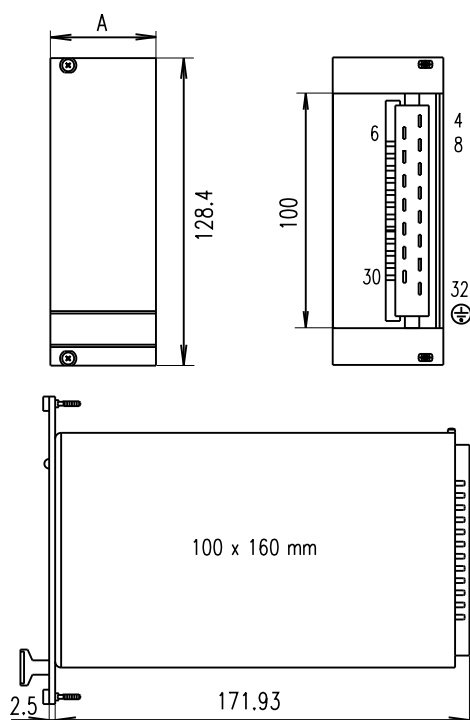
Pin	Connection
4	–
6	–
8	–
10	–
12	–
14	–
16	Output + V ₁
18	Output 0 V ₁
20	Output + V ₂
22	Output 0 V ₂
24	–
26	–
28	L
30	N
32	PE ⊕

Power supplies–19" AC/DC switch-mode PSUs

MAXPOWER 100 W, TRIPLE



11300011



Connector pin-out

Pin	Connection
4	Output + V ₁
6	Output + V ₁
8	Sense line + V ₁
10	Sense line 0V V ₁
12	Output 0V V _{1,2}
14	Output 0V V _{1,2}
16	Output + V ₂
18	Output 0V V _{1,2}
20	Output 0V V ₃
22	Output – V ₃
24	Output OK
26	–
28	L
30	N
32	PE ⊕

DJLM0084

- Wide input voltage range 90 ... 254 V_{AC} and 100 ... 360 V_{DC} with active power-factor correction (PFC)
- High power density
- 3 output voltages
- Signalling: Output voltage OK



DELIVERY COMPRISES

Qty	Description
1	19" compatible power supply height 3 U width A: 8 HP depth 171.93 mm (160 mm board depth) connector H 15 M coding strip (fitted)

ORDER INFORMATION

Voltage V	Current A	Power W	Description	Part no.
V ₁ : 5	I ₁ : 8			
V ₂ : 12	I ₂ : 2.5	100	MAX 312	13100-122
V ₃ : -12	I ₃ : 2.5			
V ₁ : 5	I ₁ : 8			
V ₂ : 15	I ₂ : 2	100	MAX 315	13100-123
V ₃ : -15	I ₃ : 2			
Front panel 8 HP, Al, front anodised, rear iridescent green chromated, with vertical grooves for EMC gaskets, incl. assembly kit, 1 piece				21006-945
EMC gaskets (stainless steel) 3 U, 97 mm, stainless steel, two pieces necessary per front panel, PU 10 pieces				21101-705
Connector H 15 F Mating connector (female) for wiring inputs/ outputs (6.3 mm FASTON), 1 piece				69001-733
Coding PU (1 keying/coding strip, 2 pieces keying/coding pins)				60800-123

Note

- **Please order front panel separately**
- Output data for mains voltage > 190 V_{AC}, T_A = 0 ... 50 °C
- Further accessories see page 9.16

Power supplies–19" AC/DC switch-mode PSUs

MAXPOWER 130 W, TRIPLE



- Wide input voltage range 90 ... 254 V_{AC} and 100 ... 360 V_{DC} with active Power Factor Correction (PFC)
- 3 output voltages
- Signalling: Output voltage OK



DELIVERY COMPRISES

Qty	Description
1	19" compatible power supply height 3 U width A: 12 HP depth 171.93 mm (160 mm board depth) connector H 15 M coding strip (fitted)

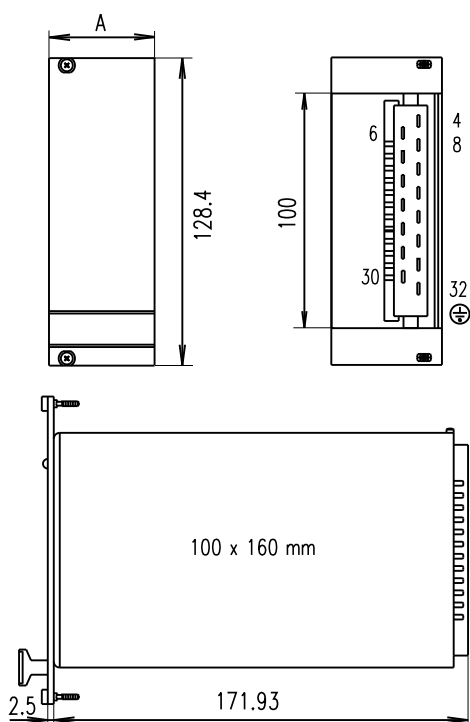
11399009

ORDER INFORMATION

Voltage V	Current A	Power W	Description	Part no.
V1: 5 V2: 12 V3: -12	I ₁ : 16 I ₂ : 2.8 I ₃ : 1.4	132	SEG 312	13100-078
V1: 5 V2: 15 V3: -15	I ₁ : 16 I ₂ : 2.2 I ₃ : 1.1	132	SEG 315	13100-079
Front panel 12 HP, Al, front anodised, rear iridescent green chromated, with vertical grooves for EMC gaskets, incl. assembly kit, 1 piece				21006-946
EMC gaskets (stainless steel) 3 U, 97 mm, stainless steel, two pieces necessary per front panel, PU 10 pieces				21101-705
Connector H 15 F Mating connector (female) for wiring inputs/ outputs (6.3 mm FASTON), 1 piece				69001-733
Coding PU (1 keying/coding strip, 2 pieces keying/coding pins)				60800-123

Note

- **Please order front panel separately**
- Output data for mains voltage > 190 V_{AC}, T_A = 0 ... 50 °C
- Further accessories see page 9.16



Connector pin-out

Pin	Connection
4	Output + V ₁
6	Output + V ₁
8	Sense + V ₁
10	Sense 0V V ₁
12	Output 0V V1,2,3
14	Output 0V V1,2,3
16	Output + V ₂
18	Output 0V V1,2,3
20	Output 0V V1,2,3
22	Output - V ₃
24	Output OK
26	-
28	L
30	N
32	PE ⊕

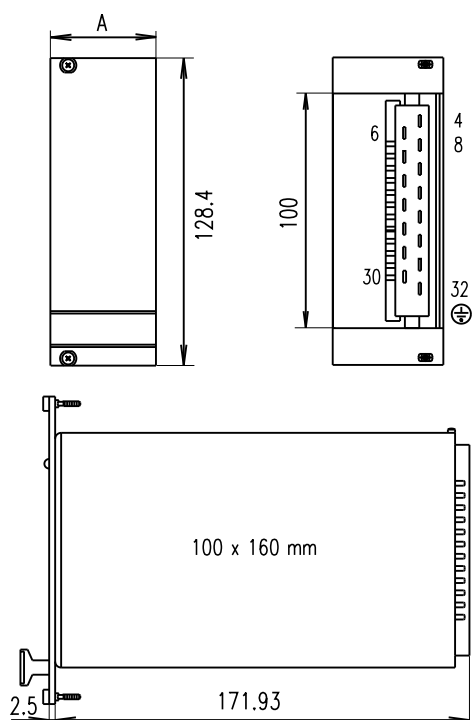
DJM0084

Power supplies–19" AC/DC linear regulators

LINEAR REGULATORS, SINGLE



11397001



D1JM0084

Connector pin-out

Pin	PSK single	PSM, PSG single
4	Sense line + V ₁	Sense line + V ₁
6	Output + V	Output + V
8	Output + 0 V ₁	Output + 0 V ₁
10	Sense line 0 V ₁	Sense line 0 V ₁
12	–	Optional: redundancy diode
14	–	External on/off
16	–	GND
18	–	V remote input + V _c
20	–	V-shunt + V _s
22	–	V-shunt – V _s
24	–	–
26	–	–
28	L	L
30	N	N
32	PE ⊕	PE ⊕

- Mains/line voltage 230 V_{AC} (can be switched to 115 V_{AC} with mains/line voltage conversion kit)
- High control accuracy, low residual ripple and low interference, suitable for medical applications (8 mm safety clearances)
- PSM, PSG
 - Output voltage can be remote controlled externally (1 ... 10 V)
 - Switching of control curve for sensitive loads (U/I - Fold Back)
 - Current measurement via shunt


EN 60950
approved

DELIVERY COMPRISES

Qty	Description
1	19" compatible power supply height 3 U width A: 6, 10, 14 HP depth 171.93 mm (160 mm deep boards) connector H 15 M (fitted) keying/coding peg (fitted)

ORDER INFORMATION

Voltage V	Current A	Power W	Width HP	Description	Part no.
5	1.5	8	6	PSK 105	13105-001
5	4	20	10	PSM 105	13105-006
5	6	30	14	PSG 105	13105-011
12	1.1	13	6	PSK 112	13105-002
12	2.8	31	10	PSM 112	13105-007
12	4.2	50	14	PSG 112	13105-012
15	1	15	6	PSK 115	13105-003
15	2.2	33	10	PSM 115	13105-008
15	3.5	53	14	PSG 115	13105-013
24	0.6	16	6	PSK 124	13105-004
24	1.5	36	10	PSM 124	13105-009
24	2.5	60	14	PSG 124	13105-014
Front panel for PSK 6 HP, 1 piece					21005-475
Front panel for PSM 10 HP, 1 piece					21005-473
Front panel for PSG 14 HP, 1 piece					21005-474
EMC gaskets (stainless steel) 3 U, 97 mm, stainless steel, two pieces necessary per front panel, PU 10 pieces					21101-705
Connector H 15 F Mating connector (female) for wiring inputs/ outputs (6.3 mm FASTON), 1 piece					69001-733
Coding PU (1 keying/coding strip, 2 pieces keying/coding pins)					60800-123
Mains voltage conversion kit 230 V to 115 V, 1 piece					43105-999

Note

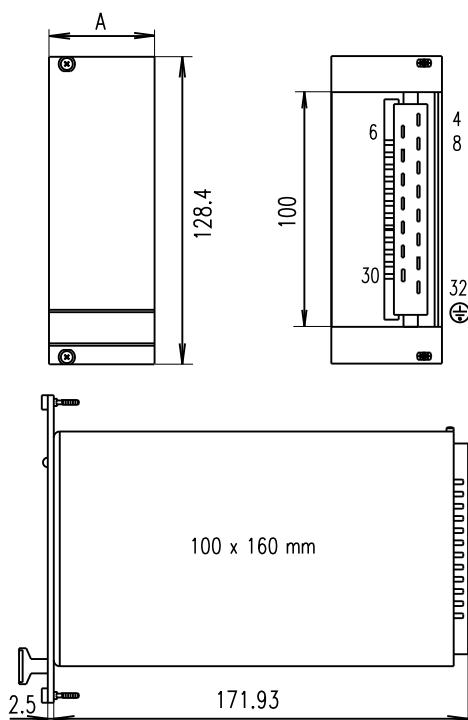
- Please order front panel separately (Al, front anodised, rear iridescent green chromated, with vertical grooves for EMC gaskets, incl. assembly kit)
- PSK without case
- Output data at T_A = 0 ... 50 °C
- Further accessories see page 9.16

Power supplies–19" AC/DC linear regulators

LINEAR REGULATORS, DUAL



11300001



Connector pin-out

Pin	Connection
4	Sense line + V ₁
6	Output + V ₁
8	Output 0 V ₁
10	Sense line 0 V ₁
12	Sense line + V ₂
14	Output + V ₂
16	Output 0 V ₂
18	Sense line 0 V ₂
20	–
22	–
24	–
26	–
28	L
30	N
32	PE ⊕

DUM0084

- Mains/line voltage 230 V_{AC} (can be switched to 115 V_{AC} with mains/line voltage conversion kit)
- 2 output voltages, galvanically separated
- High control accuracy, low residual ripple and very low interference
- Suited for medical applications (8 mm safety clearances)

CE **EN 60950**
approved

DELIVERY COMPRISES

Qty	Description
1	19" compatible power supply Height 3 U Width A: 6, 10, 14 HP Depth 171.93 mm (160 mm board depth) Connector H 15M Coding strip (fitted)

ORDER INFORMATION

Voltage V	Current A	Power W	Width HP	Description	Part no.
V1: 5 V2: 5	I ₁ : 1.4 I ₂ : 1.4	14	10	PSM 205	13105-021
V1: 12 V2: 12	I ₁ : 0.4 I ₂ : 0.4	10	6	PSK 212	13105-017
V1: 12 V2: 12	I ₁ : 1 I ₂ : 1	24	10	PSM 212	13105-022
V1: 12 V2: 12	I ₁ : 1.5 I ₂ : 1.5	36	14	PSG 212	13105-027
V1: 15 V2: 15	I ₁ : 0.4 I ₂ : 0.4	12	6	PSK 215	13105-018
V1: 15 V2: 15	I ₁ : 1 I ₂ : 1	30	10	PSM 215	13105-023
V1: 15 V2: 15	I ₁ : 1.5 I ₂ : 1.5	45	14	PSG 215	13105-028
V1: 24 V2: 24	I ₁ : 1.2 I ₂ : 1.2	58	14	PSG 224	13105-029
Front panel for PSK 6 HP, 1 piece					21005-476
Front panel for PSM 10 HP, 1 piece					21005-477
Front panel for PSG 14 HP, 1 piece					21005-478
EMC gaskets (stainless steel) 3 U, 97 mm, stainless steel, two pieces necessary per front panel, PU 10 pieces					21101-705
Connector H 15 F Mating connector (female) for wiring inputs/ outputs (6.3 mm FASTON), 1 piece					69001-733
Coding PU (1 keying/coding strip, 2 pieces keying/coding pins)					60800-123
Mains voltage conversion kit 230 V to 115 V, 1 piece					43105-999

Note

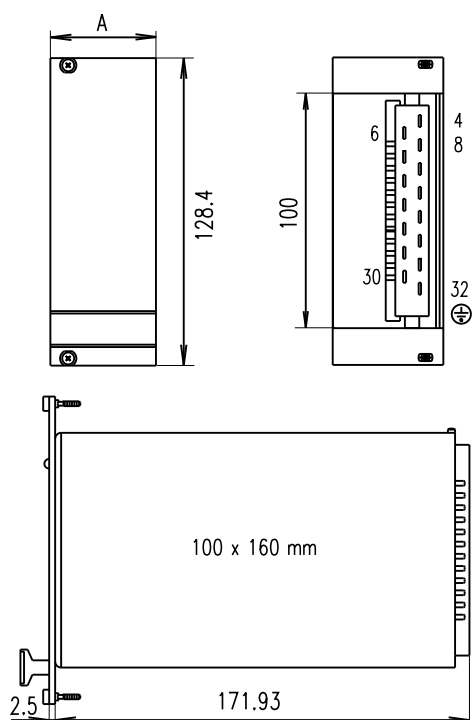
- **Please order front panel separately** (Al, front anodised, rear iridescent green chromated, with vertical grooves for EMC gaskets, incl. assembly kit)
- PSK without case
- Output data at T_A = 0 ... 50 °C
- Further accessories see page 9.16

Power supplies–19" AC/DC linear regulators

LINEAR REGULATORS, TRIPLE



11300002



Connector pin-out

Pin	Connection
4	Sense line + V ₁ (PSM, PSG)
6	Output + V ₁
8	Output 0 V ₁
10	Sense line 0 V ₁ (PSM, PSG)
12	Output + V ₂
14	Output 0 V ₂
16	Output + V ₃
18	Output 0 V ₃
20	Data save
22	Power failure
24	0 V for pin 20, 22
26	–
28	L
30	N
32	PE ⊕

DJUM0084

- Mains/line voltage 230 V_{AC} (can be switched to 115 V_{AC} with mains/line voltage conversion kit)
- 3 output voltages, galvanically separated
- High control accuracy, low residual ripple and very low interference
- Suited for medical applications (8 mm safety clearances)

CE EN 60950
approved

DELIVERY COMPRISES

Qty	Description
1	19" compatible power supply height 3 U width A: 6, 10, 14 HP depth 171.93 mm (160 mm board depth) connector H 15 M coding strip (fitted)

ORDER INFORMATION

Voltage V	Current A	Power W	Width HP	Description	Part no.
V ₁ : 5 V ₂ : 12 V ₃ : 12	I ₁ : 0.5 I ₂ : 0.2 I ₃ : 0.2	8	6	PSK 312	13105-051
V ₁ : 5 V ₂ : 12 V ₃ : 12	I ₁ : 1.5 I ₂ : 0.5 I ₃ : 0.5	20	10	PSM 312	13105-052
V ₁ : 5 V ₂ : 12 V ₃ : 12	I ₁ : 3 I ₂ : 1 I ₃ : 1	39	14	PSG 312	13105-053
Front panel for PSK 6 HP, 1 piece					21005-470
Front panel for PSM 10 HP, 1 piece					21005-451
Front panel for PSG 14 HP, 1 piece					21005-439
EMC gaskets (stainless steel) 3 U, 97 mm, stainless steel, two pieces necessary per front panel, PU 10 pieces					21101-705
Connector H 15 F Mating connector (female) for wiring inputs/ outputs (6.3 mm FASTON), 1 piece					69001-733
Coding PU (1 keying/coding strip, 2 pieces keying/coding pins)					60800-123
Mains voltage conversion kit 230 V to 115 V, 1 piece					43105-999

Note

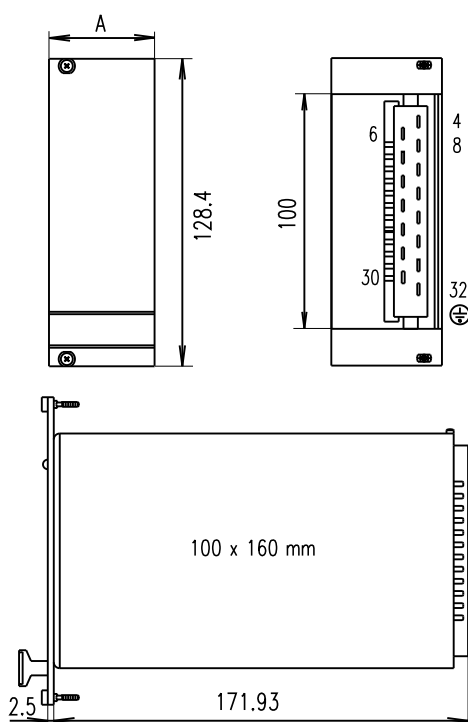
- **Please order front panel separately** (Al, front anodised, rear iridescent green chromated, with vertical grooves for EMC gaskets, incl. assembly kit)
- PSK without case
- Output data at T_A = 0 ... 50 °C
- Further accessories see page 9.16

Power supplies–19" DC/DC converters

coolpower 100 W, single



11301001



DUM0084

Connector pin-out

Pin	5, 12, 15 V Connection
4	Output + V ₁
6	Output + V ₁
8	Sense line + V ₀
10	Sense line 0V V ₁
12	Output 0V V ₁
14	Output 0V V ₁
16	
18	
20	
22	Internally engaged
24	Output OK
26	Ext. ON/OFF*
28	+V _E
30	0V V _E
32	PE ⊕

Pin	24 V Connection
4	
6	Output + 24 ... 30 V via diode
8	
10	Output 0 V
12	Output 0 V
14	Output 0 V
16	Internally engaged
18	Internally engaged
20	Internally engaged
22	Internally engaged
24	
26	
28	+V _E
30	0V V _E
32	PE ⊕

- Wide input voltage range from 20 to 72 V_{DC}
- High power density
- Single output voltage, redundancy diode fitted
- External ON/OFF
- Galvanic separation between primary and secondary circuits
- Passive current-share operation



DELIVERY COMPRISES

Qty	Description
1	19" compatible power supply height 3 U width A: 6 HP depth 171.93 mm (160 mm board depth) connector H 15 M coding strip (fitted)

ORDER INFORMATION

Voltage V	Current A	Power W	Description	Part no.
5 ¹⁾	20	100	CPDC 105	13103-002
12 ¹⁾	8.5	102	CPDC 112	13103-003
15 ¹⁾	6.7	100	CPDC 115	13103-004
24 ²⁾	4.5	108	CPDC 212	13103-007

1) Front panel 6 HP, Al, front anodised, rear iridescent green chromated, with vertical grooves for EMC gaskets, incl. assembly kit, 1 piece **21006-955**

2) Front panel 6 HP, Al, front anodised, rear iridescent green chromated, with vertical grooves for EMC gaskets, incl. assembly kit, 1 piece **21006-956**

EMC gaskets (stainless steel) 3 U, 97 mm, stainless steel, two pieces necessary per front panel, PU 10 pieces **21101-705**

Connector H 15 F Mating connector (female) for wiring inputs/outputs (6.3 mm FASTON), 1 piece **69001-733**

Coding PU (1 keying/coding strip, 2 pieces keying/coding pins) **60800-123**

Note

- **Please order front panel separately**
- Power supply with CPDC 212, dual output voltages 24, 30 V (2 x 12 V, 2 x 15 V)
- Front panel for 13103-007: 21006-956
- For higher input voltages (100 ... 360 V_{DC}) see maxpower single, page 9.4
- Further accessories see page 9.16

Power supplies–19" DC/DC converters

COOLPOWER 100 W, DUAL



- Wide input voltage range from 20 to 72 V_{DC}
- High power density
- 2 output voltages (or single output voltage 24 – 30 V via internal redundancy diode V₁D)
- Galvanic separation between primary and secondary circuit



DELIVERY COMPRISES

Qty	Description
1	19" compatible power supply height 3 U width A: 6 HP depth 171.93 mm (160 mm board depth) connector H 15 M coding strip (fitted)

11302003

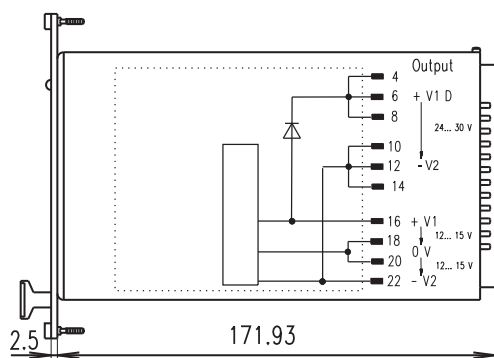
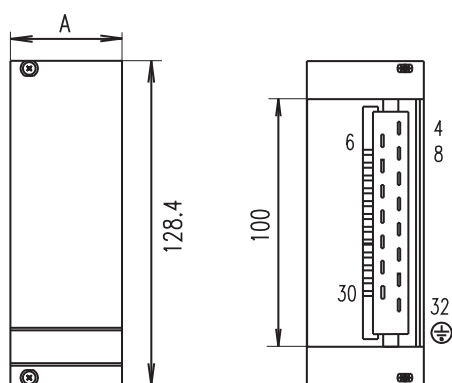
ORDER INFORMATION

Voltage min. ... max. V	Current A	Power W	Description	Part no.
V ₁ : 12 ... 15 V ₂ : -12 ... -15	I ₁ : 4.5 I ₂ : 4.5	108	CPDC 212	13103-007
Front panel 6 HP, Al, front anodised, rear iridescent green chromated, with vertical grooves for EMC gaskets, incl. assembly kit, 1 piece				21006-956
EMC gaskets (stainless steel) 3 U, 97 mm, stainless steel, two pieces necessary per front panel, PU 10 pieces				21101-705
Connector H 15 F Mating connector (female) for wiring inputs/outputs (6.3 mm FASTON), 1 piece				69001-733
Coding PU (1 keying/coding strip, 2 pieces keying/coding pins)				60800-123

Note

- **Please order front panel separately**
- 1 output voltage via output pins V₁D 24 V ... 30 V, I₁D 4.5 A, 108 W
- Output data at T_A = 50 °C
- Adjustment range 12 V ... 15 V
- For higher input voltages (100 ... 360 V_{DC}), see maxpower single, page 9.7
- Further accessories see page 9.16

11302053



Connector pin-out

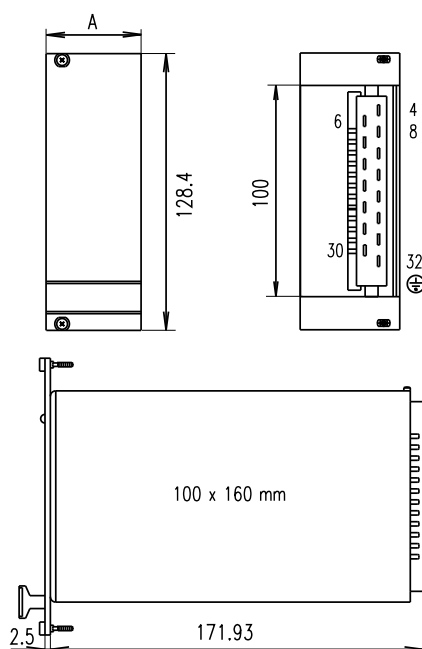
Pin	Connection
4	Output + V ₁ D
6	Output + V ₁ D
8	Output + V ₁ D
10	Output - V ₂
12	Output - V ₂
14	Output - V ₂
16	Output + V ₁
18	Output V ₁ /V ₂ 0 V
20	Output V ₁ /V ₂ 0 V
22	Output - V ₂
24	-
26	-
28	Input +V _i
30	Input 0 V
32	PE ⊕

Power supplies–19" DC/DC converters

COOLPOWER 100 W, TRIPLE



11302004



DUM0084

Connector pin-out

Pin	Connection
4	Output + V
6	Output + V ₁
8	Sense line + V ₂
10	Sense line V ₁ 0 V
12	Output V ₁ 0 V
14	Output V ₁ 0 V
16	Output + V ₂
18	Output V ₂ 0 V
20	Output + V ₃
22	Output V ₃ 0 V
24	–
26	External ON/OFF
28	Input +V _i
30	Input 0 V
32	PE ⚡

- Wide input voltage range from 20 to 72 V_{DC}
- High power density
- 3 output voltages, galvanically separated
- Galvanic separation between primary and secondary circuit
- External ON/OFF



DELIVERY COMPRISES

Qty	Description
1	19" compatible power supply height 3 U width A: 6 HP depth 171.93 mm (160 mm deep boards) connector H15M (fitted) keying/coding peg (fitted)

ORDER INFORMATION

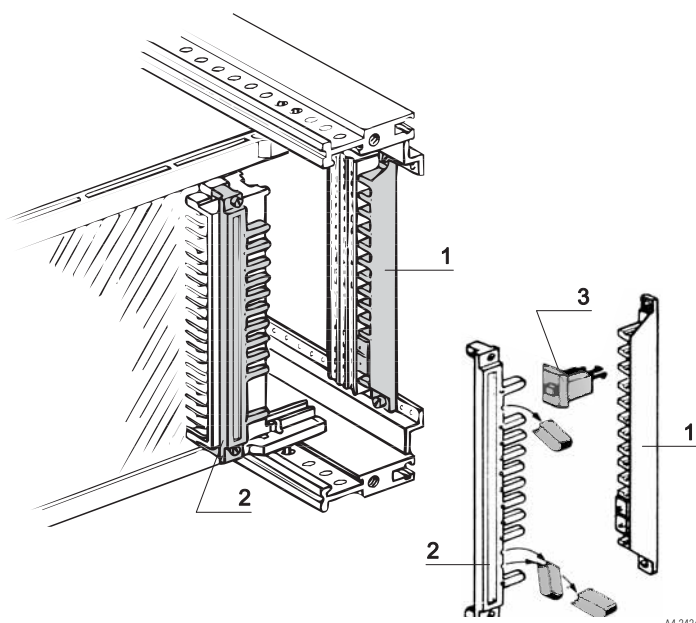
Voltage min. ... max. V	Current A	Power W	Description	Part no.
V ₁ : 5 V ₂ : 12 ... 15V ₃ : 12 ... 15	I ₁ : 10 I ₂ : 2 I ₃ : 2	98	CPDC 312	13103-016
Front panel 6 HP, Al, front anodised, rear colourless chromated, with vertical grooves for EMC gaskets, incl. assembly kit, 1 piece				21006-957
EMC gaskets (stainless steel) 3 U, 97 mm, stainless steel, two pieces necessary per front panel, PU 10 pieces				21101-705
Connector H 15 F Mating connector (female) for wiring inputs/ outputs (6.3 mm FASTON), 1 piece				69001-733
Coding PU (1 keying/coding strip, 2 pieces keying/coding pins)				60800-123

Note

- **Please order front panel separately**
- Output data at T_A = 50 °C
- Adjustment range V₂, V₃ 12 ... 15 V
- Input voltage 100 ... 360 V_{DC}, see
maxpower triple, page 9.8
- Further accessories see page 9.16

Power supplies–Accessories

KEYING/CODING

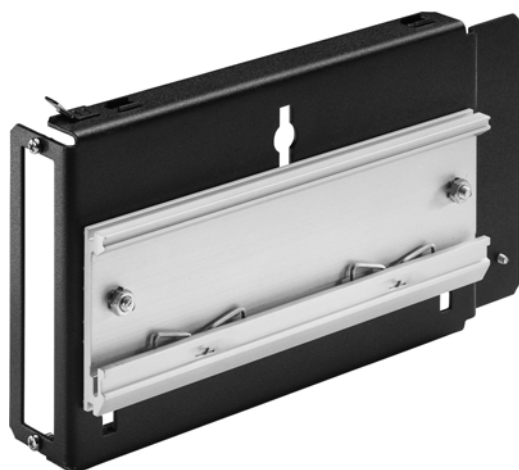


- Mechanical coding prevents a PSU being fitted on the wrong slot, space requirement 4 HP
- Coding:
 - Female strip (item 2), fitted on PSU (except slimpower)
 - Coding strip (item 1) mounts on the Z/horizontal rail
 - Placement of coding pins (item 3) in the coding strip (item 1)
 - Removal of studs at the appropriate place in the female strip
- With 2 coding pins there are 66 coding possibilities

ORDER INFORMATION

Description	Part no.
Keying/coding strip, Crastin (UL 94 V-0) 1 piece, keying/coding pins, Crastin (UL 94 V-0), 2 pieces	60800-123

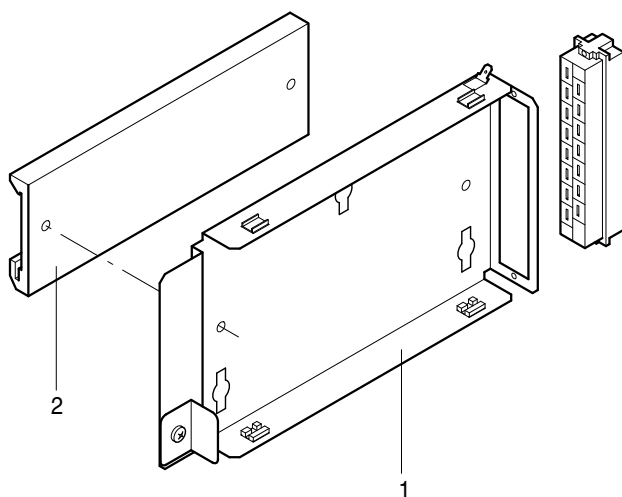
WALL/HORIZONTAL RAIL MOUNTING



- Suitable for 19"-compatible 3 U PSUs
- 2 mounting options
 - Wall mounting bracket can be fitted in any position with screws and PSU is inserted
 - Horizontal rail adaptor is bolted to wall mounting bracket, then the 19" PSU can be clipped to a horizontal rail

ORDER INFORMATION

Item	Description	Qty/PU	Part no.
1	Wall mounting bracket, St	1	11000-001
2	Horizontal rail adaptor bracket, Al	1	11000-002
Connector H 15 F FASTON connection, 1 piece			69001-733



Power supplies–for VMEbus

AC/DC, 19", 6 U, TRIPLE



- Wide input voltage range 90 ... 264 V_{AC} and 130 ... 350 V_{DC} with active power factor correction (PFC)
- 3 output voltages
- VMEbus signalling



DELIVERY COMPRISES

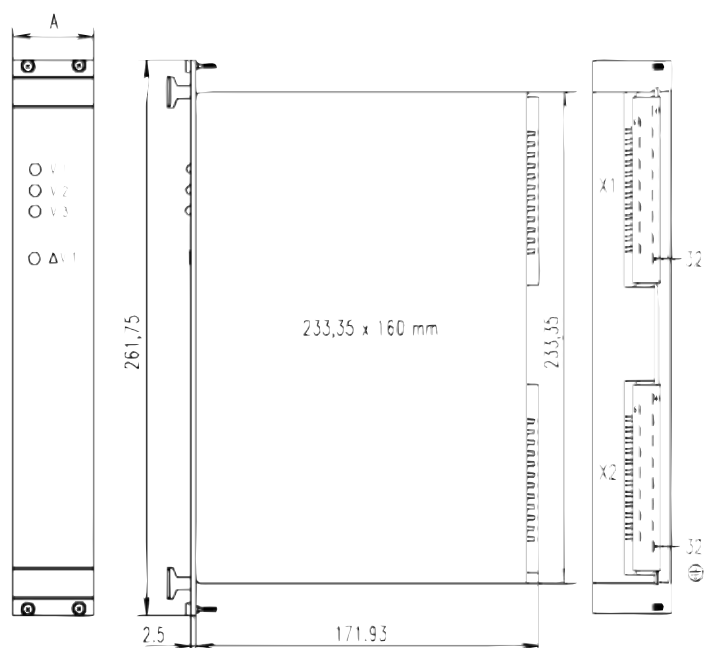
Qty	Description
1	19" compatible power supply height 6 U width A: 8, 12 HP depth 171.93 mm (160 mm board depth) front panel with handles (fitted) connector H 15 M (2 pieces) coding strip (2 pieces, fitted)

ORDER INFORMATION

Voltage V	Current A	Power W	Width HP	Description	Part no.
V1: 5 V2: 12 V3: -12	I1: 20 I2: 4 I3: 3	150 (60)	8	MPS 015	13100-205
V1: 5 V2: 12 V3: -12	I1: 28 I2: 7 I3: 3	224 (84)	12	MPS 022	13100-203
V1: 5 V2: 15 V3: -15	I1: 28 I2: 5.6 I3: 2.4	224 (84)	12	MPS 022/15	13100-204
EMC gaskets (stainless steel) 6 U, 232 mm, stainless steel, 2 pieces necessary per front panel, PU 10 pieces					21101-707
Connector H 15 F Mating connector (female) for wiring inputs/ outputs (6.3 mm FASTON), 1 piece					69001-733
Coding PU (1 keying/coding strip, 2 pieces keying/coding pins)					60800-123

Note

- Output data at T_A = 0 ... 40 °C
- Values in brackets: Output power V₂ + V₃
- Further accessories see page 9.16



Connector pin-out

Pin	Connection x1 (at top)	Connection x2 (at bottom)
4	Output + V ₁	ACFAIL
6	Output + V ₁	SYSRESET
8	Output + V ₁	–
10	Output + V ₁	Current Share Bus
12	Output + V ₁	Shutdown 4 ... 28 V
14	Sense line + V ₁	GND Shutdown
16	Output - V ₃	–
18	Output 0 V _{1,2,3}	–
20	Output 0 V _{1,2,3}	–
22	Output 0 V _{1,2,3}	–
24	Output 0 V _{1,2,3}	–
26	Output 0 V _{1,2,3}	–
28	Output + V ₂	L
30	Output + V ₂	N
32	Sense line 0 V ₁	PE y