



Schroff

POWER CONTROL SOCKET STRIPS

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Cabinet Accessories – Power Control socket strips

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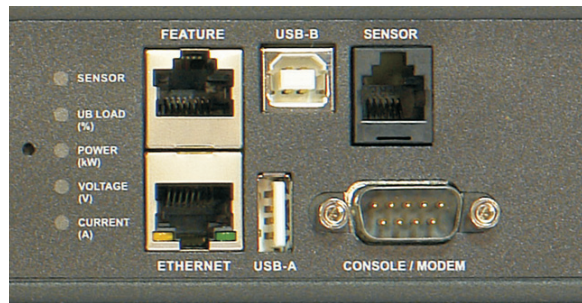


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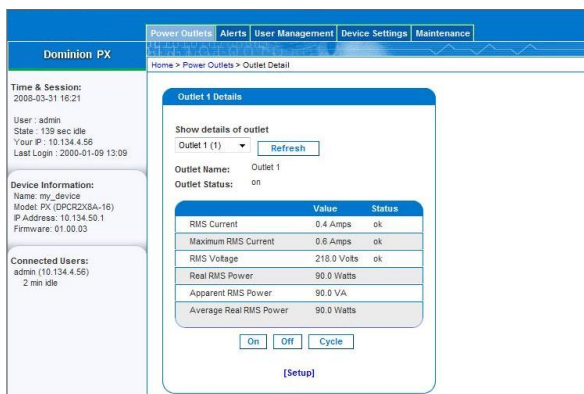
Display

00715001



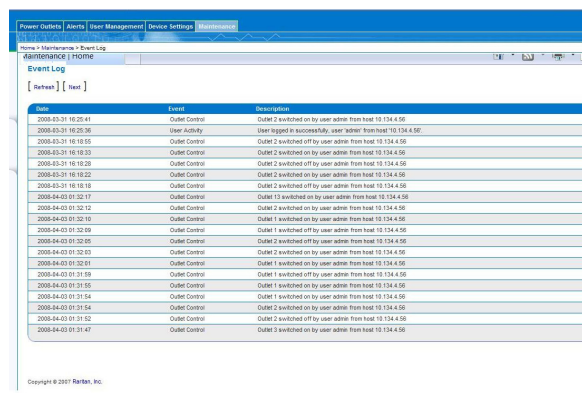
Interfaces

00711009



Telemonitoring and parametrisation with web-based user interface

00708013



Event logging

00708014

Cabinet Accessories – Power Control socket strips

Overview 3.72
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Power Management

- Monitoring of power, current and voltage of the entire socket strip or for each separate socket insert
- Telemonitoring and local indication via display
- Remote control of individual inserts (switch on/off)
- Programmable sequential switch-on/off of individual inserts
- Individual user access authorisations for each socket insert



00715002

Multimeter

- Measurement of current, voltage, apparent power, true power and power factor per phase or outlet
- Data sent to network or shown on local display

Multimeter 3.74
..



00715006

Telemonitored socket strips

- Measurement of current, voltage, apparent power, true power and power factor per phase or outlet
- Data sent to network or shown on local display
- Measurement at phase level and switch function on request

Telemonitored (per phase) socket strips ... 3.75
.....

Telemonitored and remote-controlled socket strips

- Measurement of current, voltage, apparent power, true power and energy consumption at outlet level
- Data sent to network or shown on local display
- Remote-controlled switch-on/off of individual outputs

Remote-controlled socket strips, telemonitored on each phase ... 3.76
..

Remote-controlled socket strips, telemonitored on each outlet ... 3.77
..



00715007

Environmental sensors

- Sensors (temperature, humidity, differential pressure, airflow...) and hub for connecting multiple sensors, see from page 3.49



30407004

ServicePLUS from page 3.79

e.g. individual configuration (dimensions, socket inserts, mains supply)

www.schroff.biz/ServicePLUS

ServicePLUS ... 3.79
..

Cabinet Accessories – Power Control socket strips

Telemonitored multimeter



Front view

00715002



Rear view

00715003

- Inline meter, 1 U, 19" case with 19" mounting brackets
- Measures current, voltage and power (apparent and true power) per phase and total
- Local display of current and voltage per phase and sum values
- Ethernet interface and web interface
- 4 consumers or socket strips can be connected; input via IEC 60320 C20 plug; outlet via IEC 60320 C19 sockets
- Mains input via C13 socket conforming to IEC 60320
- To record temperature, humidity etc, environmental sensors can be connected



NEW

Delivery includes

Item	Qty	Description
1	1	Case, black, width 440.0 mm, display and control keys, interfaces on front and rear
2	1	Mains cable, C13 socket to IEC 60320, cable length 1.5 m
3	2	19" mounting bracket, length 305 mm, St, 1 mm, black
4	1	Cable support rail

Order Information

Height U	Width mm	Depth mm	Input	Number of outputs	Output current A	Part no.
1	440.0	183	4 × IEC C20	4 × IEC C19	16	60110-446
Accessories						
Temperature sensor Cable length 3 m, 1 piece						60110-313
Temperature/humidity combi sensor Cable length 3 m, 1 piece						60110-314
Two temperature/humidity combi sensors Cable length 2 x 3 m, 2 pieces						60110-315
Dual potential-free contact sensor Cable length x m, 1 piece						DPX-CC2-TR
Two temperature sensors and one temperature/humidity combi sensor Cable length 3 x 3 m, 1 piece						DPX-T3H1
Differential pressure and temperature sensor Cable length 3 m, 1 piece						DPX-T1DP1
Airflow sensor Cable length 3 m, 1 piece						DPX-AF1
Hub to accept 4 sensors connecting cable 1 m, assembly kit, 1 piece						60110-316

Note

- 3-phase version on request
- User manual and current firmware is available for download: Please enter order number at www.schroff.biz/oneclick/
- For power management software see page 3.78
- Suitable socket strips see Socket Strips chapter, page 3.58
- Sensors (temperature, humidity, differential pressure, airflow...) and hub for connecting multiple sensors, see from page 3.48
- 19" assembly kit, see page 3.17

Cabinet Accessories – Power Control socket strips

Telemonitored (per phase) socket strips

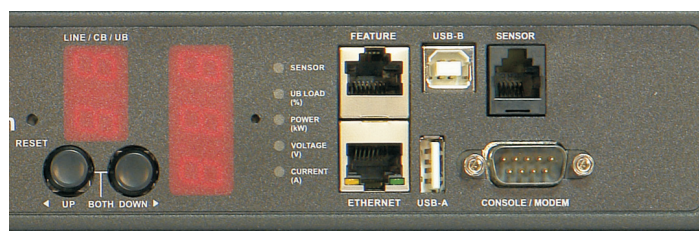


- Measurement of current, voltage and power (apparent and true power) per phase and sum value
- Local display of current and voltage per phase and sum value
- Ethernet interface and web interface
- Outlets to IEC 60320 with C13 sockets (230 V_{AC}, 10 A) and C19 sockets (230 V_{AC}, 16 A)
- Mains supply 230 V_{AC}/400 V_{AC}, 16 A or 32 A plug, cable length 3 m
- With magnetic circuit breakers to UL 489 (for 32 A version)
- To record temperature, humidity etc, environmental sensors can be connected



Delivery includes

Item	Qty	Description
1	1	Socket strip, black, with interfaces, socket inserts and display, mains cable length 3 m
2	1	Fixing materials kit
3	1	User manual



00711009

Display, interface

Order Information

Length mm	Inch	Height mm	Depth mm	Input	Number of outputs	Part no.
440	19"	44	133.0	230 V _{AC} , 16 A, 1-phase, IEC 60320 C20	8 x IEC C13	60110-306
1298	–	52	43.0	230 V _{AC} , 16 A, 1-phase, IEC 60320 C20	24 x IEC C13	60110-307
1539	–	52	53.0	230 V _{AC} , 32 A, 1-phase, IEC 60309	20 x IEC C13, 4 x IEC C19	60110-308
1780	–	55	52	400 V _{AC} , 32 A, 3-phase, IEC 60309	24 x IEC C13, 12 x IEC C19	60110-455
Accessories						
Temperature sensor Cable length 3 m, 1 piece						60110-313
Temperature/humidity combi sensor Cable length 3 m, 1 piece						60110-314
Two temperature/humidity combi sensors Cable length 2 x 3 m, 2 pieces						60110-315
Dual potential-free contact sensor Cable length x m, 1 piece						DPX-CC2-TR
Two temperature sensors and one temperature/humidity combi sensor Cable length 3 x 3 m, 1 piece						DPX-T3H1
Differential pressure and temperature sensor Cable length 3 m, 1 piece						DPX-T1DP1
Airflow sensor Cable length 3 m, 1 piece						DPX-AF1
Hub to accept 4 sensors connecting cable 1 m, assembly kit, 1 piece						60110-316

Note

- Versions with additional switching function on request
- Interface description, user manual, current firmware: To download please enter part number at www.schroff.biz/oneclick/
- For power management software see page 3.78
- Sensors (temperature, humidity, differential pressure, airflow...) and hub for connecting multiple sensors see from page 3.48

Cabinet Accessories – Power Control socket strips

Remote-controlled socket strips, telemonitored on each phase



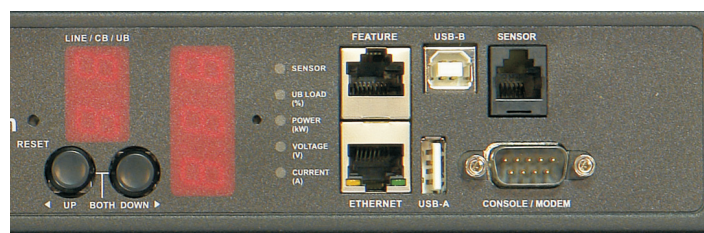
- Measures current, voltage and power (apparent and true power) per phase and total
- Local display of current and voltage per phase and sum values
- Remote-controlled on/off switching of connected consumers
- Ethernet interface and web interface
- Outlets to IEC 60320 with C13 sockets (230 V_{AC}, 10 A) and C19 sockets (230 V_{AC}, 16 A)
- Mains supply 230 V_{AC}/ 400 V_{AC}, 16 A or 32 A plug, cable length 3 m
- With magnetic circuit breakers to UL 489 (for 32 A version)
- To record temperature, humidity etc, environmental sensors can be connected



NEW

Delivery includes

Item	Qty	Description
1	1	Socket strip, black, with interfaces, socket inserts and display, mains cable length 3 m
2	1	Fixing materials kit
3	1	User manual



Display, interface

Order Information

Length mm	Inch	Height mm	Depth mm	Input	Number of outputs	Part no.
440	19"	44	133	230 V _{AC} , 16 A, 1-phase, IEC 60320 C20	8 x IEC C13	60110-447
1297	–	52	65	230 V _{AC} , 16 A, 1-phase, IEC 60320 C20	24 x IEC C13	60110-449
1539	–	52	65	230 V _{AC} , 32 A, 1-phase, IEC 60309	20 x IEC C13, 4 x IEC C19	60110-448
1780	–	52	65	400 V _{AC} , 32 A, 3-phase, IEC 60309	24 x IEC C13, 12 x IEC C19	60110-450

Accessories

Temperature sensor Cable length 3 m, 1 piece	60110-313
Temperature/humidity combi sensor Cable length 3 m, 1 piece	60110-314
Two temperature/humidity combi sensors Cable length 2 x 3 m, 2 pieces	60110-315
Dual potential-free contact sensor Cable length x m, 1 piece	DPX-CC2-TR
Two temperature sensors and one temperature/humidity combi sensor Cable length 3 x 3 m, 1 piece	DPX-T3H1
Differential pressure and temperature sensor Cable length 3 m, 1 piece	DPX-T1DP1
Airflow sensor Cable length 3 m, 1 piece	DPX-AF1
Hub to accept 4 sensors connecting cable 1 m, assembly kit, 1 piece	60110-316

Note

- Interface description, user manual, current firmware: To download please enter part number at www.schroff.biz/oneclick/
- For power management software see page 3.78
- Sensors (temperature, humidity, differential pressure, airflow...) and hub for connecting multiple sensors see from page 3.48

Cabinet Accessories – Power Control socket strips

Remote-controlled socket strips, telemonitored on each outlet



00715009

- Remote-controlled on/off switching of connected consumers
- Measures current, voltage and power (apparent and true power) per outlet, phase and total
- Local display of current and voltage per outlet, phase and total
- Ethernet interface and web interface
- Outlets to IEC 60320 with C13 sockets (230 V_{AC}, 10 A) and C19 sockets (230 V_{AC}, 16 A)
- Mains input 230 V_{AC}, 32 A plug to IEC 60309, cable length 3 m
- With magnetic circuit breakers to UL 489
- To record temperature, humidity etc, environmental sensors can be connected



NEW

Delivery includes

Item	Qty	Description
1	1	Socket strip, black, with interfaces, socket inserts and display, mains cable length 3 m
2	1	Fixing materials kit
3	1	User manual

Order Information

Length mm	Inch	Height mm	Depth mm	Input	Number of outputs	Part no.
440	19"	44	183	230 V _{AC} , 16 A, 1	8 x IEC C13	60110-442
1539	–	52	65	230 V _{AC} 32 A, 1-phase, IEC 60309	20 x IEC C13	60110-443
1539	–	52	65	230 V _{AC} , 32 A, 1-phase, IEC 60309	20 x IEC C13, 4 x IEC C19	60110-444
1539	–	52	65	400 V _{AC} , 32 A, 3-phase, IEC 60309	21 x IEC C13, 3 x IEC C19	60110-445

Accessories

Temperature sensor Cable length 3 m, 1 piece	60110-313
Temperature/humidity combi sensor Cable length 3 m, 1 piece	60110-314
Two temperature/humidity combi sensors Cable length 2 x 3 m, 2 pieces	60110-315
Dual potential-free contact sensor Cable length x m, 1 piece	DPX-CC2-TR
Two temperature sensors and one temperature/humidity combi sensor Cable length 3 x 3 m, 1 piece	DPX-T3H1
Differential pressure and temperature sensor Cable length 3 m, 1 piece	DPX-T1DP1
Airflow sensor Cable length 3 m, 1 piece	DPX-AF1
Hub to accept 4 sensors connecting cable 1 m, assembly kit, 1 piece	60110-316

Note

- Differential current measurement available on request
- Interface description, user manual, current firmware: To download please enter part number at www.schroff.biz/oneclick/
- For power management software see page 3.78
- Sensors (temperature, humidity, differential pressure, airflow...) and hub for connecting multiple sensors see from page 3.48

Cabinet Accessories – Power Control socket strips

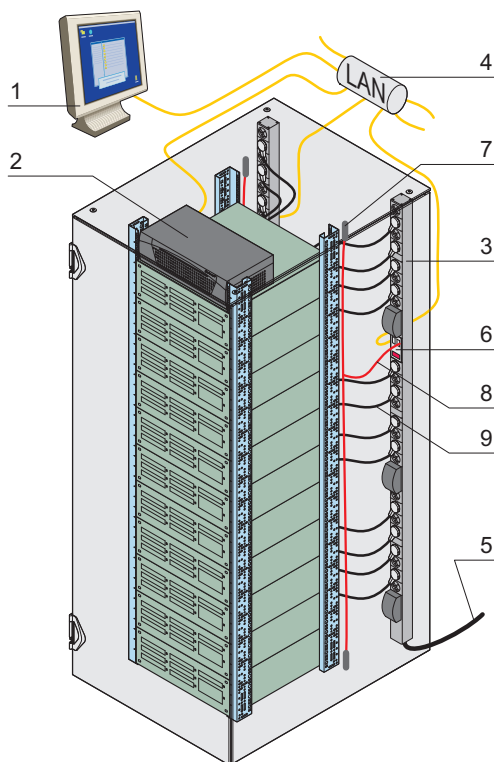
Power management software

Energy management with Power IQ®

- Centralised administration with mass configuration, firmware administration and designation of outputs
- Create energy, cost and active current reports at levels from individual plugs or IT devices through to the entire data centre
- Export graphical data
- Aggregate data from different manufacturers

Order Information

Description	Part no.
Power management software	on request



01009050

Cabling example

Item	Description
1	Real-time monitoring of web graphical user interface (GUI)
2	Existing customer server or an optionally available hardware system on which the software is installed
3	Telemonitored and remote-controlled socket strip, available with IEC C13 and C19 socket inserts
4	Linking of items 1, 2 and 3 to LAN
5	CEE power connection cable available with 230 V _{AC} (16 A or 32 A) or 400 V _{AC} (16 A and 32 A) supply
6	Local display
7	Telemonitored environmental sensors
8	Connection of sensors to socket strip
9	Mains cable, from socket strip to consumer (e.g. server)

Cabinet Accessories – Power Control socket strips ServicePLUS



configuration

Simple. Fast. For the product you want.

Components can be varied and combined freely

- Configuration options
 - Various constructions (height, length)
 - Various mains supply cables
 - Single phase and multiphase
- Measurement at phase level and switch functions
- Online configuration: www.schroff.co.uk/configuration



solution

Simple. Fast. From one source.

Integration and custom developments

- Cabinet integration, complete construction incl. cabling and function test
- Customised solutions, e.g. software modifications

Appendix – Order notes

Packaging units

A packaging unit (PU) - e.g. carton, bag - contains the stated quantity. If you order the quantity 1, you will automatically receive the quantity defined as PU.

Example: EMC textile gasket
See page 5.22
Part number 21101-853

Quantity (per part number): 10 pieces

Order quantity: Delivery quantity:

1	10 pieces
2	20 pieces
3	30 pieces

Price list

Our price list is available by e-mail from your customer consultant.
Please find all contact details at www.schroff.biz/contact.

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Contact details: www.schroff.biz/contact

Product search: www.schroff.biz/oneclick

Front Panel Express: www.frontpanelexpress.eu

VARISTAR: www.varistar.co.uk

Railway technology: www.schroff.co.uk/railway

IT Infrastructure: www.schroff.co.uk/datacom

Standard pack quantity (SPQ)

Please take into consideration that deliveries may be carried out in the stated SPQs (SPQ, e.g. 5 pieces, 10 pieces, 50 pieces, etc.). Differing order quantities (e.g. 2 pieces) may be changed to the next possible delivery quantity = Standard Pack Quantity (in this case 10 pieces).

Example: Front horizontal rail
See page 5.31
Part number 34560-228

Quantity (per part number): 1 piece
Standard pack quantity (SPQ): 10 pieces

Order quantity: Delivery quantity:

≤ 10	10 pieces
$> 10 \leq 20$	20 pieces
$> 20 \leq 30$	30 pieces

Delivery times

Part numbers in bold face type are ready for despatch within 2 working days; part numbers in normal type are ready for despatch within 10 working days.

Business relations

Schroff is exclusively operating in Business to Business (B2B). Private individuals can buy Schroff products via our sales representatives (see www.schroff.biz/contact).

Responsible for contents and print

Schroff GmbH, Marketing Communication,
D-75334 Straubenhardt, Germany

The data in this catalogue have been thoroughly edited and checked - in assistance with an accredited Quality Management System in accordance with EN ISO 9001:2008.

Faults and spelling mistakes, but mainly changes due to improvements and further developments of our products are subject to change. There is no possibility to claim indemnity/compensation.

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