FUJITSU

FTS PRIMECENTER Rack 12U/24U/38U/46U

System configurator and order-information guide

June 2012

Contents
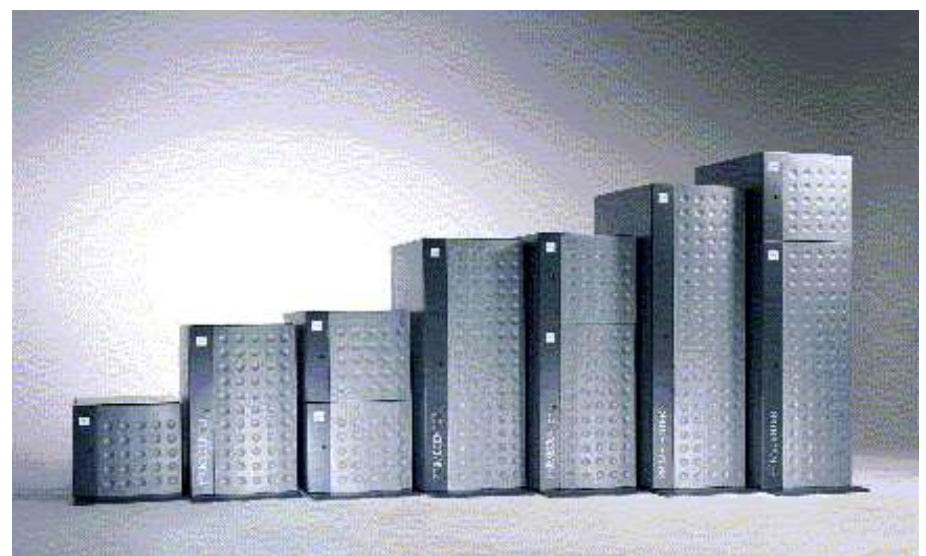
PRIMERGY Server

Configuration and order process informations

This document contains technical background information for the installation of servers
and components into the PRIMECENTER Rack.

Please use the latest version of System-Architect for configuration.
The System-Architect, a configuration tool with graphical user interface, enables you to gain
an overview over the required configuration even while planning the system.
A simultaneous examination of consistence ensures completeness and functionality
of the required system.

For the latest tools please go to:
http://extranet.fujitsu-siemens.com/fsc/products/configuration/main-e.htm

Further information in the internet see:
http://ts.fujitsu.com/products/standard_servers/rack_technology/index.html   (internet)
https://partners.ts.fujitsu.com/com/order-supply/configurators/primergy_config/current/Pages/default.aspx   (extranet)

With your rack order, please absolutely send the Rack-Architect picture and the filled-in cable plan.
 Additionally to each rack-order the rack-check list has to be filled in, see:

http://configurator.ts.fujitsu.com/public/information/Rack-Checkliste.xls

Please send your desired configuration from the rack architekt and the form sheet for
external connections and hard disk configurations with the respective order numbers
additionally to your order in SAP.
You can e-mail it to the following address (.xls or .sar):

To: Fujitsu Technology Solutions GmbH
           CL OM Zentral Functions
           Konfig-Team

Tel no.   +49 (0) 821 / 804-3362
e-mail: rack-check@ts.fujitsu.com

Rack assembly at customer site:
stacked versions will be delivered separately; max permitted stacked hight is 50 U.
The 12U, 24U and 38U racks will be delivered fully equipped, whilst the 46U racks will be delivered with
mounting kits and cabeling preinstalled, if the service "rackmounting ex factory" (SNP:SY-F1647E301-P)
was ordered for each Server and Subsystem.
The on-site service has to be requested for power installation and in case of the 46U racks for server
installation at the customers site. This service is not included in the price of the rack.

Rack-configurations with PRIMERGY systems

S26361-K826-V101	S26361-K826-V102	S26361-K826-V103	S26361-K826-V104
PRIMECENTER Rack 12 U, stackable basic cabinet (670 mm) according to protection type IP00 with side panels, lockable front- and back-door. Including tilting protection Horizontal self-ventilation incl. mounting-kit for stack fixing Mounting frame 1x 2U vertical Circumferential cable management at the back, cable outlet to the top, below, left and right. Addition of several racks without accessory, no personal variation. Basic rack without power connection; refer to part H/I for further informations and order numbers (connection concepts). HxWxD = 670 x 700 x **1000 mm** **including:** - **installation preparation** - **packing** - **accessory pack including:** Server addition (var.installation material) Manual German / English	PRIMECENTER Rack 24 U, stackable basic cabinet (1220 mm) according to protection type IP00 with side panels, lockable front- and back-door. Including tilting protection Horizontal self-ventilation Mounting frame 2x 2U vertical Circumferential cable management at the back, cable outlet to the top, below, left and right. Addition of several racks without accessory, no personal variation. Basic rack without power connection; refer to part H/I for further informations and order numbers (connection concepts). HxWxD = 1220 x 700 x **1000 mm** **including:** - **installation preparation** - **packing** - **accessory pack including:** Server addition (var.installation material) Manual German / English	PRIMECENTER Rack 38 U, stackable basic cabinet (1825 mm) to protection type IP00 with side panels, lockable front- and back-door. Including tilting protection Horizontal self-ventilation Mounting frame 3x 2U vertical Circumferential cable management at the back, cable outlet to the top, below, left and right. Addition of several racks without accessory, no personal variation. Basic rack without power connection; refer to part H/I for further informations and order numbers (connection concepts). HxWxD = 1825 x 700 x **1000 mm** **including:** - **installation preparation** - **packing** - **accessory pack including:** Server addition (var.installation material) Manual German / English	PRIMECENTER Rack 46 U basic cabinet (2220 mm) according to protection type IP00 with side panels, lockable front- and back-door. Including tilting protection Horizontal self-ventilation Mounting frame 3x 2U vertical Circumferential cable management at the back, cable outlet to the top, below, left and right. Addition of several racks without accessory, no personal variation. Basic rack without power connection; refer to part H/I for further informations and order numbers (connection concepts). HxWxD = 2220 x 700 x **1000 mm** **including:** - **installation preparation** - **packing** - **Rack demounting server** **ex factory** - **accessory pack including:** Server addition (var.installation material) Manual German / English

S26361-F2735-L212
Remodelling kit, 24U, up to 1100mm depth
Special configuration Hybrid-rack installation
has to be ordered once per rack
Hybrid rack is a mixed PC-rack with
PRIMERGY and PRIMEPOWER

Mounting frame 2U vertical 1...3x
This mounting frame allows vertical installation of
3x (46,38U), 2x (24U) or.1x (12U) 2U 19" components
with a depth less than 300 mm incl. cabeling.
For sideward mounting you can use e.g.
consolswitches, rack management systems etc.
Mounting frame is **always included.**
Free space has to be filled with dummy panels.

S26361-F2735-L213
Remodelling kit, 38U, up to 1100mm depth
Special configuration Hybrid-rack installation
has to be ordered once per rack
Hybrid rack is a mixed PC-rack with
PRIMERGY and PRIMEPOWER

S26361-F2735-L214
Remodelling kit, 46U, up to 1100mm depth
Special configuration Hybrid-rack installation
has to be ordered once per rack
Hybrid rack is a mixed PC-rack with
PRIMERGY and PRIMEPOWER

To avoid order problems, please send along the picture of the system-architect.

A

Rack-configurations with PRIMERGY systems

S26361-K826-V212	**S26361-K826-V213**	**S26361-K826-V214**
PRIMECENTER Rack 24 U, stackable	PRIMECENTER Rack 38 U, stackable	PRIMECENTER Rack 46 U, stackable
basic cabinet (1220 mm)	basic cabinet (1825 mm)	basic cabinet (2220 mm)
to protection type IP00 with side panels,	to protection type IP00 with side panels,	to protection type IP00 with side panels,
lockable front- and back-door.	lockable front- and back-door.	lockable front- and back-door.
Including tilting protection	Including tilting protection	Including tilting protection
Horizontal self-ventilation	Horizontal self-ventilation	Horizontal self-ventilation
Mounting frame 2x 2U vertical	Mounting frame 3x 2U vertical	Mounting frame 3x 2U vertical
Behind rotation cable duct 210mm depth	Behind rotation cable duct 210mm depth	Behind rotation cable duct 210mm depth
unmuffle with removable cover	unmuffle with removable cover	unmuffle with removable cover
cable exhaust to the top, below,	cable exhaust to the top, below,	cable exhaust to the top, below,
left and right.	left and right.	left and right.
Addition of several racks without	Addition of several racks without	Addition of several racks without
accessory, no personal variation.	accessory, no personal variation.	accessory, no personal variation.
Basic rack without	Basic rack without	Basic rack without
power connection; refer to part H/I	power connection; refer to part H/I	power connection; refer to part H/I
for further informations and order	for further informations and order	for further informations and order
numbers (connection concepts).	numbers (connection concepts).	numbers (connection concepts).
HxWxD = 1220 x 700 x **1100 mm**	HxWxD = 1825 x 700 x **1100 mm**	HxWxD = 2220 x 700 x **1100 mm**
including:	**including:**	**including:**
- installation preparation	**- installation preparation**	**- installation preparation**
- packing	**- packing**	**- packing**
- reinforced tilting protection	**- reinforced tilting protection**	**- reinforced tilting protection**
- accessory pack including:	**- accessory pack including:**	**- accessory pack including:**
Server addition (var.installation material)	Server addition (var.installation material)	Server addition (var.installation material)
Manual German / English	Manual German / English	Manual German / English

Mounting frame 2U vertical 1...3x
This mounting frame allows vertical installation of
3x (46,38U), 2x (24U) or.1x (12U) 2U 19'' components
with a depth less than 300 mm incl. cabeling.
For sideward mounting you can use e.g.
consolswitches, rack management systems etc.
Mounting frame is **always included.**
Free space has to be filled with dummy panels.

A

Rack configurations with PRIMERGY systems

S26361-K826-V253
PRIMECENTER COM Rack 38 U, stackable
basic cabinet (1825 mm)
to protection type IP00 with side panels,
lockable front- and back-doors.
Including tilting protection
Horizontal self-ventilation
Mounting frame 3x 2U vertical
Additional 100mm cable area on right side
exclusivly reserved for structured net cabling.
via patch panels etc.
Circumferential cable
management at the back,
cable outlet to the top, below,
left and right.
Addition of several racks without
accessory, no personal variation.
Basic rack without
power connection; refer to part H/I
for further informations and order
numbers (connection concepts).
HxWxD = 1825 x 800 x 1100 mm
including:
 - installation preparation
 - packing
 - accessory pack including:
Server addition (var.installation material)
Manual German / English

A

Please contact PRIMERGY PM
for project support.

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Build in Basic Units

To ensure that a 19" PRIMERGY Server or PRIMERGY Subsystem
can be mounted into the rack ex works, you have to order
one of the following "mounting kits for 19" PRIMECENTER Racks"
out of the relevant configurators once per
Server or PRIMERGY Subsystems.

Additionally per PRIMERGY Server or PRIMERGY Subsystem
the service "Rack installation ex works" has to be ordered.
Ordering this service includes assembly of the systems,
complete cabeling and labelling of the cables.

The 12/24/38/46 U rack is delivered fully equipped, and all LC-
racks are delivered mounting kits and cabling preinstalled.
Stacked racks will be delivered separat.

**The following listing is provided for information only and
gives you an overview of the available mounting kits.**
For informations about build in PRIMEPOWER and LoB Storage
products, please refer to the corresponding configurator.

Included in basic unit   Depth-variable from 650 - 790 mm
RMK D/P/3rd P Racks telescopic rails for PRIMERGY RX200 (1 U)

Included in basic unit   Depth-variable from 710 - 815 mm
RMK D/P/3rd P Racks telescopic rails for PRIMERGY RX300 (2 U)

Included in basic unit   Depth-variable from 625 - 762 mm
RMK D/P/3rd P Racks sliding rails for PRIMERGY RX100 (1 U)

Included in basic unit   Depth-variable from 625 - 762 mm
EBS D/P/3rd P Racks telescopic rails for PRIMERGY RX600 (3 U)

Included in basic unit   Depth-variable from 647 - 810 mm
EBS D/P/3rd P Racks telescopic rails for PRIMERGY RXI600 (4 U)

Included in basic unit   Depth-variable from 645 - 785 mm
EBS D/P/3rd P Racks sliding rails for PRIMERGY BX600 (7 U)

**For PRIMERGY Servers equal or higher than
S4 generation, RMK's and cable management
can be ordered as options.
Please see related system configurators!**

S26361-F2734-L14

Adapterkit to DC- and PC- racks

adaption of "old" classic- or DC- rack mounting
kits to PRIMECENTER rack mounting kits
e.x. 670-xx, E200, Bxx0, RC21, UPS .....
contens different adapter angles

Contains **no** adapter angles and
no cable management.

If a server or storage subsystem from the
3rd party rack is to be added into the PRIMECENTER Rack,
you have to order the following numbers:

S26361-F2201-E20 Cable management
                                  for 19" DC- PC- Rack
Additionally an adapter angle has to be ordered
according to size and weight of the 19" component:
S26361-F2735-L10 adapter angle up to 50KG
**S26361-F2735-L15 adapter angle up to 150KG,
or**
S26361-F2735-L31 adapter angle up to 200KG
If you want to integrate a third party server into the
DataCenter Rack, above mentioned positions also
have to be ordered.
In addition to the servers, you have to order the
original mounting kits

This service is to be ordered once per installable server/
storage subsystem, in order to get the server /
storage subsystem mounted into the PRIMECENTER rack.
In case of all PRIMECENTER **LC** Racks, this service
has to be ordered to get the mounting kits and the cables installed.

SNP:SY-F1647E301-P

Rack-mounting ex factory
for all servers and subsystems

S26361-F1647-E302

Rack-mounting ex factory
only for Primergy SX10
RX100, RX200

S26361-F1647-E100

Rack demounting server ex factory
Service fee, once per rack
All servers will be shiped seperatly
for PCRII: 12 - 38U, as an option
for PCRII: 46U, must-component
for LC-Rack 38U: as an option
for LC-Rack 46U: must-component

Rackconfigurations with a shipping weight
above 250kg, if necessary, can be shipped
for better transportation without servers
installed by ordering this demounting
service fee once per rack.

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B   Accessories

S26361-F2735-E1

Rotary knob as door latch replacement

For replacement of the key cylinder, in order to open or

close the doors of a PC-Rack without the use of keys
 - 2 pieces rotary knobs
 - 1 removal tool for key zylinder

max. 1x per rack

S26361-F2735-L1

Knob as substitute of PC-rack doorlock, as lose delivery to

upgrade at the customer.

S26361-F2735-E5

Earthing kit for PRIMECENTER Racks 1100mm + ass.

for earthing of cabinet, accessories and doors according
to VDE 0100 part 540. Cabels to connect all conductive
parts to the designated points are included.
Erarthing set is optional and is according to the standard
not necessary.

max. 1x per rack

S26361-F2735-L5

Earthing kit PC-Rack 1100mm
As lose delivery to
upgrade at the customer.
Earthing connectors are already
available in the rack.

S26361-F2735-E130
Dummy panel plastics, 1 U + assembly

The dummy panels can
also be used for vertical
mounting frames

S26361-F2735-E131
Dummy panel plastics, 2 U + assembly

S26361-F2735-L13*
for bulk ware orders (plastics)

For add-on components,
which comes additionally in the rack.
Please notice necessary high units!

S26361-F1609-E35
Device base plate, 680mm deep
including dummy panel 1U and
adapter angle 50 kg+ mounting
kit for PC-/DC-/ 3rd party racks

For sidewise filing of cable bulks
only for DataCenter and
PRIMECENTER racks, no U needed

S26361-F2735-E20
Cable carrying tray DC-/PC-racks
additional tray for sidewise routing
and filing of cable bulks

In order to route cables into a rack
from front to rear of the rack
also suitable for patch panels

S26361-F2735-E25
Cable carrying plate 1U with dust cover
installation horizontal and vertically possible

Only with additional order of BX300
with PCI module and cable at front side
in order to lead the cable into the rack

S26361-F2201-L20
cable management arm for 3rd party racks
all-purpose for PRIMERGY server in 3rd party racks
and classic racks.

Orderable as an option
Installation instead of the provided
cable management into PC Racks

S26361-F2735-E8

1U cable arm, hauled
Been suitable for the application also with 1U-Servern into PRIMECENTER rack
Serves as a substitute of the actual cable management arm for 3rd party racks
 (S26361-F2201-L20 + D:GPRAC-ZB0623)
Is mountable in the right plinth as well as in the left plinth of the Racks.

max. 1x per heigt unit (U)

S26361-F2735-L8

1U cable arm, hauled
As lose delivery to
upgrade at the customer.

detailed pictures: see register general rack accessories

C

C	Rack Console / Keyboards

S26361-K1387-V100
Rack console RC25 (1U)
17" TFT monitor with slide-in
incl. keyboard DE/INT with touchpad,
(Layout in german and US english)
and RMK D/P/3rd P Racks telescopic rails
Depth-variable from 708-786mm +/-2mm
connection KB/Touchpad over PS/2 (2x)
or USB (1x optional) is supported.
VGA-/ PS2-and USB-cable, part of
delivery (3m)

Country spezific version of RC25
German / US Englisch
S26361-K1387-V100 RC25 1U TFT, KB GE/US
US, Englisch
S26361-K1387-V200 RC25 1U TFT, KB US
US, Russian (Cyrillic)
S26361-K1387-V250 RC25 1U TFT, KB US RU
UK, Englisch
S26361-K1387-V300 RC25 1U TFT, KB UK
French
S26361-K1387-V400 RC25 1U TFT, KB F
Spanish
S26361-K1387-V500 RC25 1U TFT, KB E
Italian
S26361-K1387-V600 RC25 1U TFT, KB I
Portuguese
S26361-K1387-V650 RC25 1U TFT, KB PT
Danish
S26361-K1387-V700 RC25 1U TFT, KB DK
Swedish
S26361-K1387-V750 RC25 1U TFT, KB SW
Belgian
S26361-K1387-V800 RC25 1U TFT, KB B
Japan
S26361-K1387-V900 RC25 1U TFT, KB B

T26139-Y1742- L10
Grey power cord 1,8m for RC25
only for direct deliverys
to USA / CAN.

New global analog KVM s3
switches can be mounted behind
RC25 in order to save rack space
refer to KVM section

S26361-F1609-E17
Monitor installation kit for 15"and 17" TFT
Monitor including front panel 11U and
adapter angle 50 kg+ mounting
kit for PC-/DC-/ 3rd party racks

A monitor installation will reduce
air flow and, in consequence,
cooling capacity.
Danger of overheating can be
prevented by limiting the number
of components in all server
modules.
You will also loose 9U or 11U
in comparison with RC22

SNP:KB-Y2607E180-P
VGA-extension cable 1,8 m + assembly

T26139-Y2691-C180
for single order of the
VGA-extension cable 1,8 m

Only to be selected for
Monitor installation set if no
console switch is required

D	

D	KVM S2 / S3 switches

Digital KVM s2/s3 over IP Switches

as long   as available

S26361-F2293-E411

Console Switch KVM S2-0411
4-port with OSD, multi-platformable
1x local, 1x IP, 1U, cascadable
for connecting 4 servers to a monitor and
a keyboard with an integrated touchpad
or a keyboard and mouse.
Wiring over UTP CAT5,
Connection at servers with USB, PS/2, SUN IO

- KVM S3-Client SW for remote access over
  LAN, is included in the scope of supply.
- 16 bit video compression
- 19" fixture (Installation horizontal and
  vertically possible)
- User manual in Englisch

for the connection of 4 servers in the Non
Blocking Mode or cascaded with other
switches in Blocking Mode. (Cascading
with ES* series is permitted.)
Please provide LAN connection with 10/100
KVM data are digitized and will be available
over LAN.
A local console is likewise connectable.
Simultaneously use of both access options

S26361-F2293-L411

for single order of the
KVM Sx- switch series

T26139-Y1742- L10
Grey power cord 1,8m for KVM
Switch. Only for direct deliverys
to USA / CAN.

Cascading of DS1800, ES+, KVM S2 and KVM s3- switch
series is generally possible, whereby the KVM Sx and
DS1800 switches must always be at the end of the cascade.
KVM s2-1611 / 0411 / S3-1621 on top of KVM s2-1602 / 0801
KVM s2-1602 on top of KVM s2-1602 or KVM s2-0801
KVM s2-0801 on top of KVM s2-0801
DS1800 on top of KVM s2-1602 or KVM s2-0801

KVM s2-1611 / 0411 / S3-1621 on top of ES+
KVM s2-1602 / 0801 on top of ES+
Note: if need be two OSD menus for ES+ cascadings

Cascading of the KVM Sx switches among
themselves will be done only with the help of a
UTP CAT 5 cable (ARI-port) (S26361-F2293-E501)

For cascading (with ES+ switches)
the KVM s2-adapters and
the UTP CAT 5 cables (blue, RJ45) are used.
These are to be ordered 1x per switch which
will be cascaded.

E	

E   Global KVM s3 / s4 switches

Analogue KVM S3 Switches

S26361-F4473-E601

Console Switch KVM s3-1601

16-port with OSD, multi-platformable

1x local, 0x IP, 1U, cascadable

for connecting 16 servers to a monitor and

a keyboard with an integrated touchpad

or a keyboard and mouse.

Wiring over UTP CAT5,

Connection at servers with USB, PS/2

 - 19" fixture (Installation horizontal and

   vertically possible)

 - User manual in englisch

for the connection of 16 servers in the Non

Blocking Mode or cascaded with other

switches in Blocking Mode. (Cascading

with S* series is permitted.)

There are one local consoles in the rack

connectablly.

Occupies 1U in the Rack

S26361-F4473-E801

Console Switch KVM s3-0801

8-port with OSD, multi-platformable

1x local, 0x IP, 1U, cascadable

for connecting 8 servers to a monitor and

a keyboard with an integrated touchpad

or a keyboard and mouse.

Wiring over UTP CAT5,

Connection at servers with USB, PS/2

 - 19" fixture (Installation horizontal and

   vertically possible)

 - User manual in englisch

for the connection of 8 servers in the Non

Blocking Mode or cascaded with other

switches in Blocking Mode. (Cascading

with S* series is permitted.)

There are one local console in the rack

connectablly.

Occupies 1U in the Rack

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i S26361-F4473-L801
S26361-F4473-L601
for single order of the
KVM s3- switch series

i T26139-Y1742- L10
Grey power cord 1,8m for KVM
Switch. Only for direct deliverys
to USA / CAN.

S26361-F4473-E691

Console Switch KVM s3-1601

for integration behind RC25

Occupies 0U in the Rack

S26361-F4473-E891

Console Switch KVM s3-0801

for integration behind RC25

Occupies 0U in the Rack

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i S26361-F4473-L25
Integration kit RC25
plus standard -L number of
KVM switch for RC25
integration; same switch but 0U

S26361-F4473-E25

Integration kit RC25

Digital KVM s4 over IP Switches

as soon	as available (04/11)	as soon	as available (04/11)	as soon	as available (04/11)

S26361-K1393-V8

Console Switch KVM s4-0812 VM

8-port with OBWI, multi-platformable

1x local, 2x IP, 1U, cascadable

for connecting 8 servers to a monitor and

a keyboard with an integrated touchpad

or a keyboard and mouse.

Wiring over UTP CAT5,

Connection at servers with USB or PS/2

 - KVM s4-Client SW for remote access over

   LAN, is included in the scope of supply.

 - 16 bit video compression

 - Virtual Media support via USB 2.0

   all USB 2.0 media released for PRIMERGY

   server are allowed, local or remote including

   USB boot

   KVM s3 USB2.0 adapter must be used

 - LDAP support

 - 19" fixture (Installation horizontally and

   vertical possible)

 - User manual in EN, DE, JP, SP, IT, FR

for the connection of 8 servers in the Non

Blocking Mode or cascaded with other

switches in Blocking Mode. (Cascading

with Sx series is permitted.)

Please provide LAN connection with 100/1000

KVM data are digitized and will be available

over LAN.

A local console is likewise connectable.

Simultaneously use of both access options

S26361-K1393-V16

Console Switch KVM s4-1622 VM

16-port with OBWI, multi-platformable

2x local, 2x IP, 1U, cascadable

for connecting 16 servers to a monitor and

a keyboard with an integrated touchpad

or a keyboard and mouse.

Wiring over UTP CAT5,

Connection at servers with USB or PS/2

 - KVM s4-Client SW for remote access over

   LAN, is included in the scope of supply.

 - 16 bit video compression

 - Virtual Media support via USB 2.0

   all USB 2.0 media released for PRIMERGY

   server are allowed, local or remote including

   USB boot

   KVM s3 USB2.0 adapter must be used

 - LDAP support

 - 19" fixture (Installation horizontally and

   vertical possible)

 - User manual in EN, DE, JP, SP, IT, FR

for the connection of 16 servers in the Non

Blocking Mode or cascaded with other

switches in Blocking Mode. (Cascading

with Sx series is permitted.)

Please provide LAN connection with 100/1000

KVM data are digitized and will be available

over LAN.

A local console is likewise connectable.

Simultaneously use of both access options

S26361-K1393-V32

Console Switch KVM s4-3242 VM

32-port with OBWI, multi-platformable

2x local, 4x IP, 1U, cascadable

for connecting 32 servers to a monitor and

a keyboard with an integrated touchpad

or a keyboard and mouse.

Wiring over UTP CAT5,

Connection at servers with USB or PS/2

 - KVM s4-Client SW for remote access over

   LAN, is included in the scope of supply.

 - 16 bit video compression

 - Virtual Media support via USB 2.0

   all USB 2.0 media released for PRIMERGY

   server are allowed, local or remote including

   USB boot

   KVM s3 USB2.0 adapter must be used

 - LDAP support

 - 19" fixture (Installation horizontally and

   vertical possible)

 - User manual in EN, DE, JP, SP, IT, FR

for the connection of 32 servers in the Non

Blocking Mode or cascaded with other

switches in Blocking Mode. (Cascading

with Sx series is permitted.)

Please provide LAN connection with 100/1000

KVM data are digitized and will be available

over LAN.

A local console is likewise connectable.

Simultaneously use of both access options

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i Cascading of KVM s2 /s3 and KVM s4- switche
series is generally possible, whereby the KVM s3 switches
must always be at the end of the cascade with s2 switches.
KVM s4-3242/1622/0812 on top of KVM s3-1601/-0801
KVM s4-3242/1622/0812 on top of KVM s2-1602/-0801
KVM s3-1601/0801 on top of KVM s3-1601/-0801
KVM s3-1601/0801 on top of KVM s2-1602/-0801

i Cascading of the KVM S2 switches among
themselves will be done only with the help of a
UTP CAT 5 cable (ARI-port) (S26361-F2293-E501)

i For cascading with analoge S3 switches
the KVM s2-adapters and
the UTP CAT 5 cables (blue, RJ45) are used.
These are to be ordered 1x per switch which
will be cascaded.

F

F   KVM Sx adapters and cables

KVM adapter w/o integrated CAT5 cable, to be ordered together with adapter

max. 32x

S26361-F2293-E201

KVM s2 adapter PS/2-VGA

2x PS/2 - VGA (Server connection)

to UTP CAT 5 at the KVM s2-Switch)

Connection from the mouse-/KB-/Video-Port

of the server and by CAT 5 cable

to the KVM Sx-switch. UTP CAT 5 cable

1x for each adapter is to order additionally.

1x per server

S26361-F2293-E202

KVM s2 adapter USB-VGA

1x USB - VGA (Server connection)

to UTP CAT 5 at the KVM s2-Switch)

Connection from the mouse-/KB-/Video-Port

of the server and by CAT 5 cable

to the KVM Sx-switch. UTP CAT 5 cable

1x for each adapter is to order additionally.

1x per server

S26361-F2293-E203

KVM s3 adapter USB2.0-VGA VM

1x USB - VGA (Server connection)

to UTP CAT 5 at the KVM s2-Switch)

Connection from the mouse-/KB-/Video-Port

of the server and by CAT 5 cable

to the KVM S3-switch. UTP CAT 5 cable

1x for each adapter is to order additionally.

1x per server

---

as soon   as available   as soon   as available

S26361-F4473-E241

KVM s4 adapter true serial-VGA

1x serial - (serial device connection)

to UTP CAT 5 at the KVM s4-Switch)

Connection from the serial device-Port

of the serial device and by CAT 5 cable

to the KVM s4-switch. UTP CAT 5 cable

1x for each adapter is to order additionally.

1x per server

S26361-F4473-E240

KVM s4 adapter USB2.0-VGA VM&CAC

1x USB - VGA (Server connection)

to UTP CAT 5 at the KVM s4-Switch)

Connection from the mouse-/KB-/Video-Port

of the server and by CAT 5 cable

to the KVM s4-switch. UTP CAT 5 cable

1x for each adapter is to order additionally.

1x per server

S26361-F2293-E501

UTP CAT 5 cable (blue, RJ45)

the length is customized and

is accordingly inserted.

Connection cable between KVM S2-Switch

and the CAT 5 port of the KVM S2-adapters

1x per adapter

S26361-F2293-E203

The KVM s3 USB2.0-VGA adpater has to be

ordered for each server which shall be configured for

virtual media. Can be used with all KVM Sx switches,

but VM is only working with S3 switch and s3 client SW

Not to be used with PRIMEPOWER and Servers without

composite USB 2.0 support. For USB boot the server

BIOS must support USB boot.

Virtual Media is not released for PRIMEPOWER

For the cabling of a PRIMECENTER Rack the length of

the adapter set is customized in order to offer the

best possible cable management. The number of

cables have to be ordered according to the number

of servers which have to be connected.

For the supplementory order of KVM s2-Switches can be

ordered the following cable length of the UTP CAT 5 of

cable (blue, RJ45) loosely. The appropriate

KVM S2-adapter is to be ordered likewise .

S26361-F2293-L20 with **2m** lenght or

S26361-F2293-L50 with **5m** lenght or

S26361-F2293-L10 with **10m** lenght.

1x per server / adapter

S26361-F2293-L201

S26361-F2293-L202

S26361-F2293-L203

for single order of the

KVM s2-adapter PS/2-VGA

and USB-VGA

S26361-F4473-E241

S26361-F4473-E240

for single order of the

KVM s4-adapter serial

and USB2.0-VGA VM

KVM adapter w/ integrated CAT5 cable

max 16x

S26361-F4473-E225

KVM s3 SMB adapter USB-VGA 2,1m

1x USB - VGA (Server connection)

to UTP CAT 5 at the KVM s3-s4-Switch

Connection from the mouse-/KB-/Video-Port

of the server with integrated CAT 5 cable

to the KVM Sx-switch. UTP CAT 5 cable

integrated with 2,14m lengths

1x per server

S26361-F4473-E230

KVM s3 SMB adapter USB-VGA 3m

1x USB - VGA (Server connection)

to UTP CAT 5 at the KVM s3-s4-Switch

Connection from the mouse-/KB-/Video-Port

of the server with integrated CAT 5 cable

to the KVM Sx-switch. UTP CAT 5 cable

integrated with 3m lengths

1x per server

These USB SMB type of adapter

already includes a CAT5 cable

FW flash update not possible

S26361-F4473-E225

S26361-F4473-E230

for single order of the

KVM s3- SMB adapter

USB-VGA w/ CAT5 cable

G

G

Cables for PRIMERGY SX10 and SX30
External SCSI cables 16Bit (wide) SCSI
For cabling a PRIMECENTER rack ex works, the length
of the cable loom is customized in order to offer the
best possible cable management. The number of
cables have to be ordered according to the number
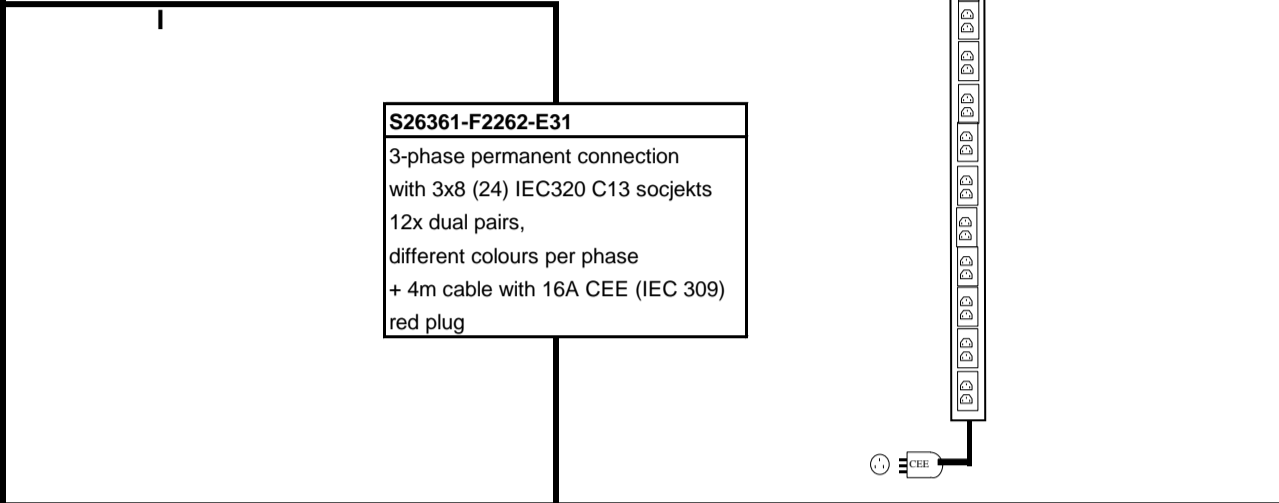**of SCSI channels.**

If a PRIMERGY SX10 / SX30 is build in, the following cables must
be selected according to the "PRIMERGY SX10 / SX30 cabling "
All cables are fixed permanently in the rack.
The number of items to be ordered with respective length,
depends on the number of SCSI channels to be connected.
Attention! Only the cables mentioned here, may be ordered
for external storage systems, if the rack is to be
cabled ex factory.

PRIMERGY SX30

SNP:SY-F2365E500-P
external Fast Wide SCSI cable, length customized
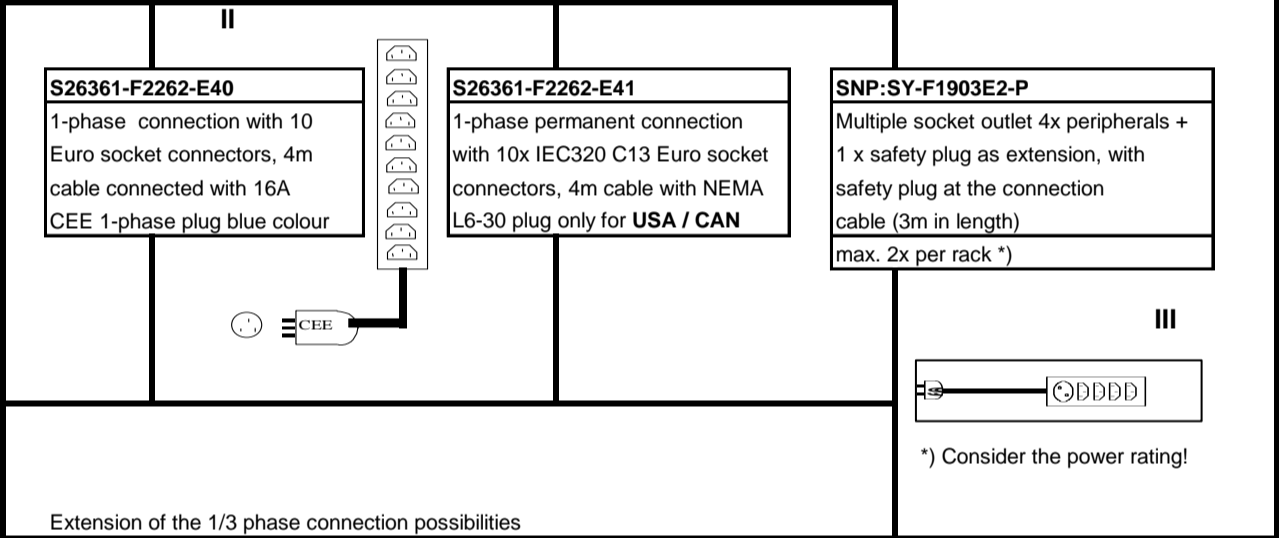VHDCI-connector, 68 pol. - VHDCI-connector, 68 pol.

H

H

Within the basic units of PRIMECENTER racks, are no power outlets integrated.

It is possible to order such power outlets as follows (1- or 3- phase power outlet), or the connections to the

mains can be done via an UPS. In case there is no 16A CEE plug choosen (1-phase solutions is with an 16A CEE plug,

while it is choosable with the 3-phase solution), the connection to the mains (line) has to be done

as an fix connectionfrom an certified electrician according to the existing regulations.

The maximum current load for each phase may not exceed 16amp (with fixed connection, CEE and safety socket),

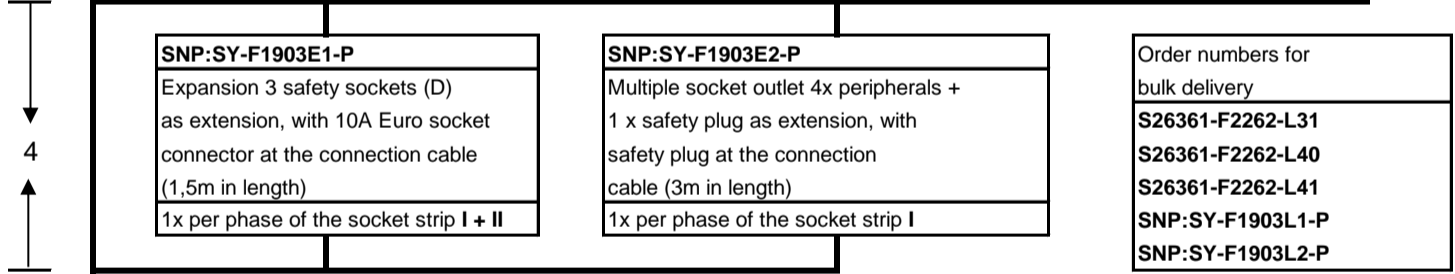for each Euro socket connector may 10A not be exceeded.

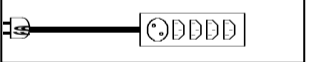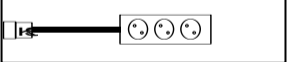### 3-phase power socket outlet 3~240 volt / 16 A

I

S26361-F2262-E31
3-phase permanent connection
with 3x8 (24) IEC320 C13 socjekts
12x dual pairs,
different colours per phase
+ 4m cable with 16A CEE (IEC 309)
red plug

1-phase power socket outlet 1~240 volt / 16A

II

S26361-F2262-E40	**S26361-F2262-E41**	**SNP:SY-F1903E2-P**
1-phase connection with 10 Euro socket connectors, 4m cable connected with 16A CEE 1-phase plug blue colour	1-phase permanent connection with 10x IEC320 C13 Euro socket connectors, 4m cable with NEMA L6-30 plug only for **USA / CAN**	Multiple socket outlet 4x peripherals + 1 x safety plug as extension, with safety plug at the connection cable (3m in length)
		max. 2x per rack *)

III

*) Consider the power rating!

Extension of the 1/3 phase connection possibilities

SNP:SY-F1903E1-P	**SNP:SY-F1903E2-P**	Order numbers for bulk delivery
Expansion 3 safety sockets (D) as extension, with 10A Euro socket connector at the connection cable (1,5m in length)	Multiple socket outlet 4x peripherals + 1 x safety plug as extension, with safety plug at the connection cable (3m in length)	**S26361-F2262-L31** **S26361-F2262-L40** **S26361-F2262-L41**
1x per phase of the socket strip **I + II**	1x per phase of the socket strip **I**	**SNP:SY-F1903L1-P** **SNP:SY-F1903L2-P**

4

Max. number of socket strips:

S26361-F2262-E31	**S26361-F2262-E40** **S26361-F2262-E45**	**SNP:SY-F1903E2-P**
max. per rack	max. per rack	max. per rack
4x 46 U rack	6x 46 U rack	the Inrush current must not be more than 3,5mA
3x 38 U rack	5x 38 U rack	2x 46 U rack
2x 24 U rack	3x 24 U rack	2x 38 U rack
	2x 12 U rack	2x 24 U rack
		2x 12 U rack

I

I

Within the basic units of PRIMECENTER racks, are no power outlets integrated.

It is possible to order such power outlets as follows (1- or 3- phase power outlet), or the connections to the

mains can be done via an UPS. The maximum current load for each phase may not exceed 32amp (IEC309, CEE plugs).

For each Euro socket connector IEC320 C14 may 10A and for IEC320 C20 may 16A not be exceeded.

3-phase power socket outlet 3~240 volt / 32 A

S26361-F2262-E332

3-phase permanent connection

with 3x3 (9) IEC320 C19 sockets

plus 3x2 (6) IEC320 C13 sockets

different colours per phase

secured by either 16A or 10A circuit breakers

+ 4m cable with 32A CEE (IEC 309) red plug

S26361-F2262-E301

mounting kit for horizontal mounting in a Rack

can carry up to 2 PDU`s E332 or as max.

as a max. configuration 4x PDU's E132

As a mixed configuration the customer

is able to configure 2x E132 and 1x E332

incl. 2x1U cover, support bracket, occupies 2U

1-phase power socket outlet 1~240 volt / 32A

S26361-F2262-E132

1-phase connection

with 3 IEC320 C19 sockets and 16A circuit breaker

plus 2 IEC320 C13 sockets and 10A circuit breaker

+ 4m cable with 32A CEE (IEC 309) blue plug

incl. support brackets for 19" vertical mounting

ℹ horizontal mounting ocupies 2U(S26361-F2262-E301)

For this the RMK must be ordered

for rear mountig, a support bracket is needed as well

S26361-F2262-E45

1-phase connection with 8

Euro socket connectors, 4m

cable connected with 32A

CEE 1-phase (big) plug blue colour

Note: recommended for server > 1200 W

Order numbers for

bulk delivery

S26361-F2262-L332

S26361-F2262-L132

S26361-F2262-L45

S26361-F2262-L301

Extension of the 1/3 phase connection possibilities

SNP:SY-F1903E1-P

Expansion 3 safety sockets (D)

as extension, with 10A Euro socket

connector at the connection cable

(1,5m in length)

1x per phase of the socket strip **I + II**

SNP:SY-F1903E2-P

Multiple socket outlet 4x peripherals +

1 x safety plug as extension, with

safety plug at the connection

cable (3m in length)

1x per phase of the socket strip **I**
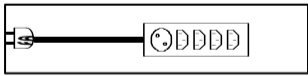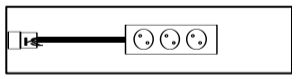
Max. number of socket strips for **vertical** mounting:

ℹ **S26361-F2262-E132**

max. per rack
5x 46 U rack
4x 38 U rack
2x 24 U rack
1x 12 U rack
horizontal mounting only via
new designed Rackmount kit
S26361-F2262-E301 Socket
strip RMK 2U horizontal

ℹ **S26361-F2262-E332**

max. per rack
2x 46 U rack
2x 38 U rack
1x 24 U rack
0x 12 U rack
horizontal mounting only via
new designed Rackmount kit
S26361-F2262-E301 Socket
strip RMK 2U horizontal

J

J

Configurations see UPS configurator

Uninterruptible power supply for 220 V

**Further information to the connection configurations and the
orderable APC on-line / line Interactive UPS combinations
as well as reference to the estimation of the power demand
of the UPS you will find in the UPS configurator.
Here only the power connection possibilities of the servers
are described to the UPS's.**
Attention!   This UPS does not support 115V - connection

S26361-F2735-E15
Adapter angle 150 kg

For bulk delivery
**S26361-F2262-L42
SNP:SY-F1903L1-P**

Extension of the UPS connection possibilities

S26361-F2262-E42
1-phase power outlet with
10x periheral plugs
+ 2m cable with 16A IEC 320 C20
**Only for connection to
electrical outlets (16 A IEC 320C19)
of the 3000 VA / 5000 VA UPSs.**
It expands the number of usable
power outlets.

KS

SNP:SY-F1903E1-P
Multiple socket outlet, 3x safety
plug as extension with peripheral
power connector at the connection
cable (1,5m in length)
1x per UPS

Only for 8kVA and 10kVA to use the hardwire connectivity of the UP
S26361-K915-V80 and S26361-K915-V100

S26361-F2262-E500
UPS PDU 50A 2U,6x16A+4x10A IEC320
Power distribution unit for UPS hard wire output
For APC Online UPS and Runtime expansion modules
occupies 2U in racks

S26361-F2262-L500
UPS PDU 50A 2U,6x16A+4x10A IEC320
Loose delivery
Conection at customer side has to
be done by an electrician.
PDU will be connected when ordered
together with the UPS and an
PRIMECENTER Rack ex factory

S26361-F2735-E131
Dummy panel plastics, 2 U + assembly
S26361-F2735-L15
 adapter angle up to 150KG

UPS configurator

Power connection sockets to the APC UPS for servers:

Line Interactive

Online

1500 VA UPS

4x euro sockets -C13 (10A)

3000 / 5000 VA UPS

8x euro sockets -C13 (10A)
2x euro sockets -C19 (16A)

3000 VA UPS

8x euro sockets -C13 (10A)
1x euro socket -C19 (16A)

5000 VA UPS

8x euro sockets -C13 (10A)
2x euro sockets -C19 (16A)

8000 / 10000 VA UPS

4x euro sockets -C13 (10A)
4x euro sockets -C19 (16A)
Terminal block fixed connection

UPS connections expandable through:

20000 VA UPS

8x euro sockets -C19 (16A)
1x IEC309 (CEE) Blue

CEE

KS

S26361-F2262-E42

SNP:SY-F1903E1-P

End of PRIMERGY 19" Rack

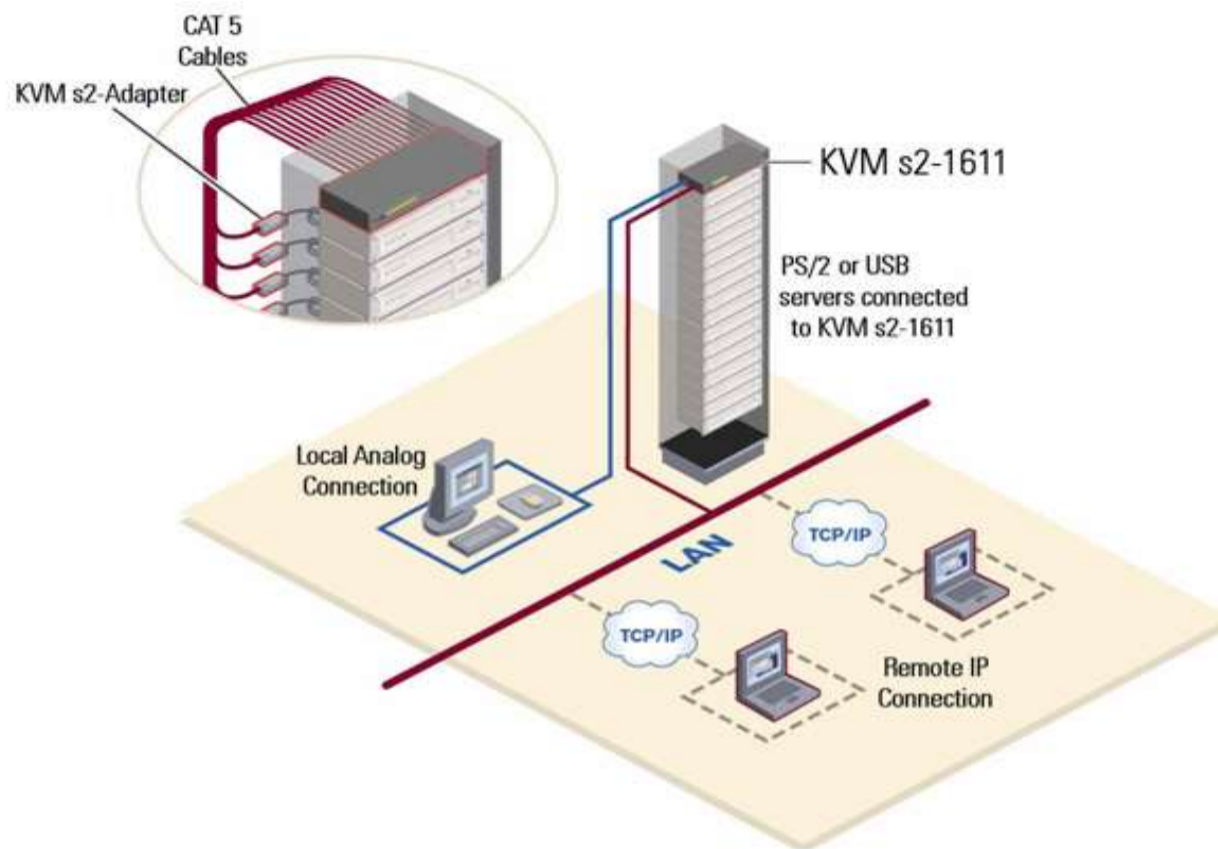**Configuration Examples KVM S2-1602 Switch**

Bestellhinweis:

S26361-F2293-E602: Konsolswitch KVM S2-1602
S26361-F2293-E201: KVM S2-Adapter PS/2-VGA
S26361-F2293-E202: KVM S2-Adapter USB-VGA

S26361-F2293-E501: UTP CAT 5 Kabel (Blau, RJ45)
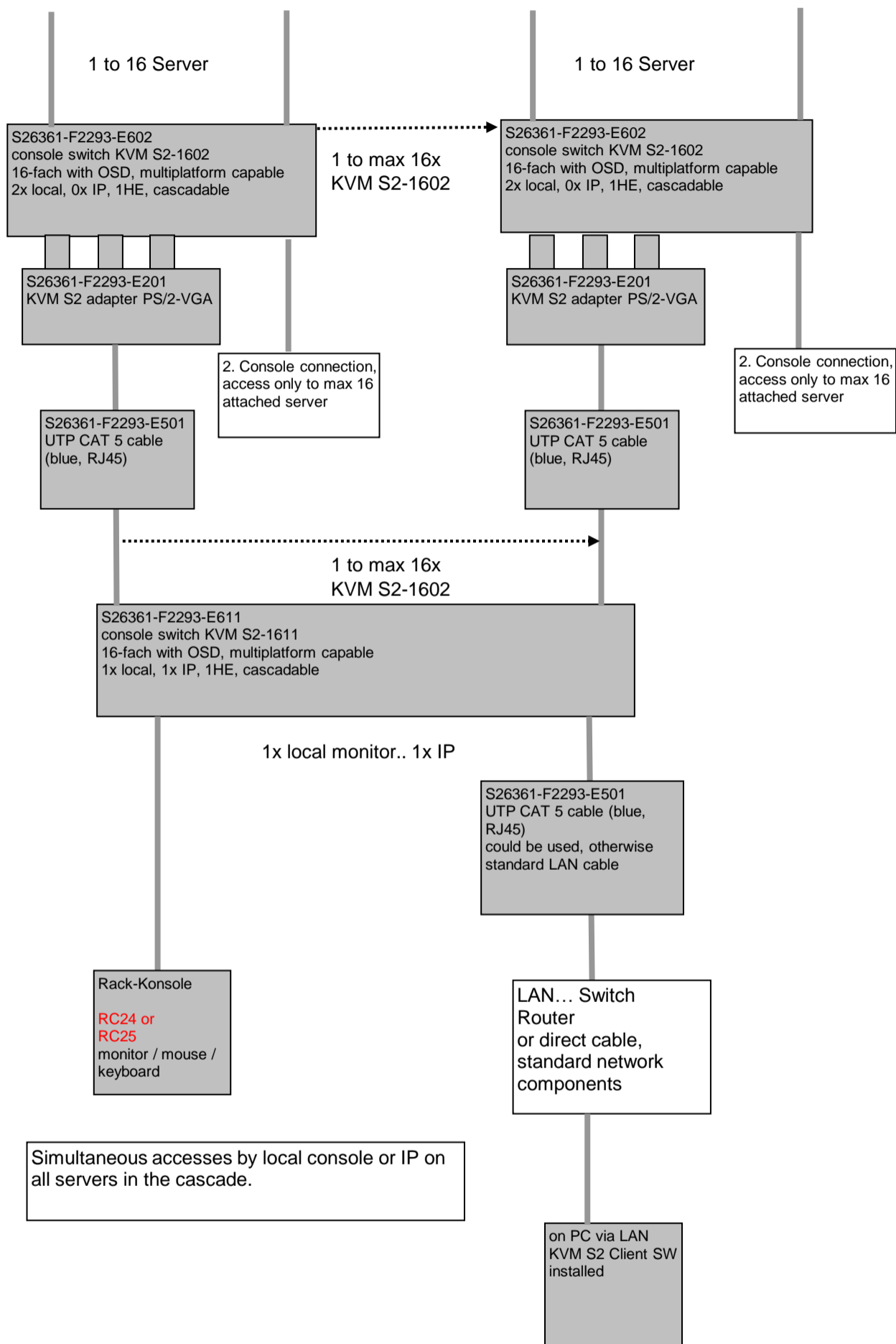
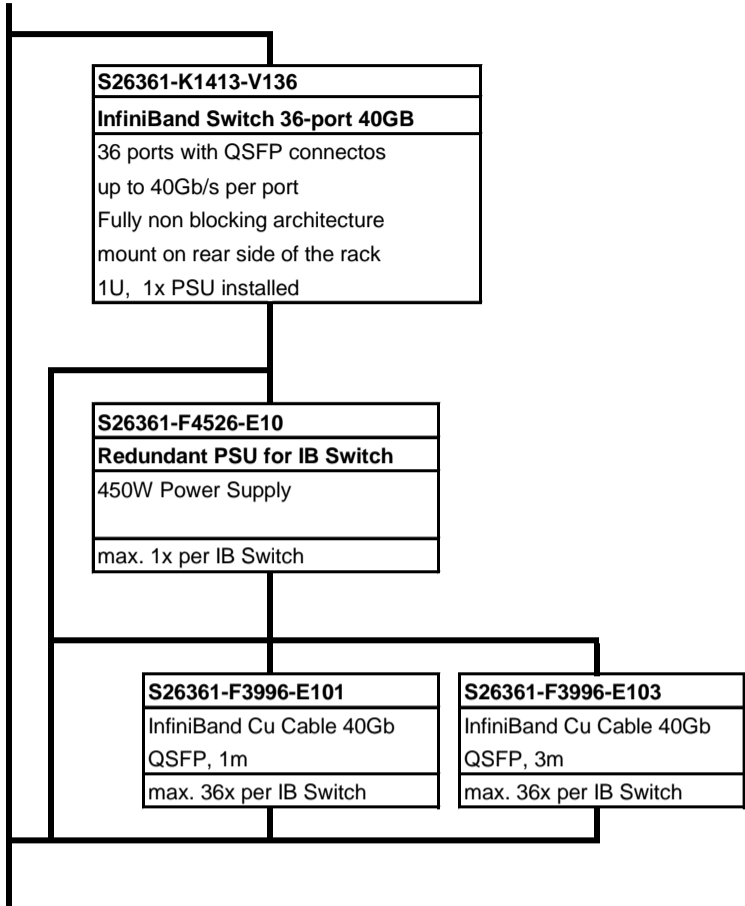**Configuration Examples KVM S2-1611 Switch**

Bestellhinweis:

S26361-F2293-E611: Konsolswitch KVM S2-1611
S26361-F2293-E201: KVM S2 adapter PS/2-VGA
S26361-F2293-E202: KVM S2 adapter USB-VGA

S26361-F2293-E501: UTP CAT 5 Kabel (Blau, RJ45)

Configuration examples cascade with KVM S2-1602 and KVM S2-1611 switch

1 to 16 Server

1 to 16 Server

S26361-F2293-E602
console switch KVM S2-1602
16-fach with OSD, multiplatform capable
2x local, 0x IP, 1HE, cascadable

1 to max 16x
KVM S2-1602

S26361-F2293-E602
console switch KVM S2-1602
16-fach with OSD, multiplatform capable
2x local, 0x IP, 1HE, cascadable

S26361-F2293-E201
KVM S2 adapter PS/2-VGA

S26361-F2293-E201
KVM S2 adapter PS/2-VGA

2. Console connection,
access only to max 16
attached server

2. Console connection,
access only to max 16
attached server

S26361-F2293-E501
UTP CAT 5 cable
(blue, RJ45)

S26361-F2293-E501
UTP CAT 5 cable
(blue, RJ45)

1 to max 16x
KVM S2-1602

S26361-F2293-E611
console switch KVM S2-1611
16-fach with OSD, multiplatform capable
1x local, 1x IP, 1HE, cascadable

1x local monitor.. 1x IP

S26361-F2293-E501
UTP CAT 5 cable (blue,
RJ45)
could be used, otherwise
standard LAN cable

Rack-Konsole

RC24 or
RC25
monitor / mouse /
keyboard

LAN… Switch
Router
or direct cable,
standard network
components

Simultaneous accesses by local console or IP on
all servers in the cascade.

on PC via LAN
KVM S2 Client SW
installed

IB Switch Configuration

S26361-K1413-V136

InfiniBand Switch 36-port 40GB

36 ports with QSFP connectos

up to 40Gb/s per port

Fully non blocking architecture

mount on rear side of the rack

1U, 1x PSU installed

S26361-F4526-E10

Redundant PSU for IB Switch

450W Power Supply

max. 1x per IB Switch

S26361-F3996-E101

InfiniBand Cu Cable 40Gb
QSFP, 1m

max. 36x per IB Switch

S26361-F3996-E103

InfiniBand Cu Cable 40Gb
QSFP, 3m

max. 36x per IB Switch

If additional length of copper cable or optical cable are needed,
then they must be ordered from the cable vendor directly

For IB cabling ex works an customized IB Cable
S26361-F3996-E500 will be used (for rackserver in rack)

System configurator and order-information guide :

FibreCAT® TXF

Rack Backup Subsystem: **3U**

The FibreCAT TXF is an innovative, easy-to-use, flexible and economical rack enclosure for backup devices.
With its wide range of supported backup devices with SAS or USB interfaces,
it is best suited to consolidate data backups for rack-based servers in PRIMECENTER and third-party racks.

Available backup drives:
4 x 5,25 "with 1.6" height (HH) per I/O Modul (SAS or USB) for accessible drives
- SAS: LTO5 HH, LTO4 HH, LTO3 HH
- USB DDS Gen5, DDS Gen6, RDX

More information: FibreCAT TXF Configurator
http://docs.ts.fujitsu.com/dl.aspx?id=61776716-c73f-4e57-9d3a-19821396a1f6

General LAN-Cabling

PRIMERGY Server	Cable- Nr.	Length		LAN-Switch S26361-F3417-E1	
		2, 3, 5m	**5, 10, 15m**		
TX150 S7	● S26361-F3417-E500 S26361-F3417-L3/L505/L510/L515	X	X	●	X
TX200 S6	● S26361-F3417-E500 S26361-F3417-L3/L505/L510/L515	X	X	●	X
TX300 S5, S6	● S26361-F3417-E500 S26361-F3417-L3/L505/L510/L515	X	X	●	X
RX100 S6	● S26361-F3417-E500 S26361-F3417-L3/L505/L510/L515	X	X	●	X
RX200 S6	● S26361-F3417-E500 S26361-F3417-L3/L505/L510/L515	X	X	●	X
RX300 S5, S6	● S26361-F3417-E500 S26361-F3417-L3/L505/L510/L515	X	X	●	X
RX600 S4, S5	● S26361-F3417-E500 S26361-F3417-L3/L505/L510/L515	X	X	●	X
PRIMEQUEST 5xx	● S26361-F3417-E500 S26361-F3417-L3/L505/L510/L515	X	X	●	X
APC-USV'en LAN on Board	● S26361-F3417-E500 S26361-F3417-L3/L505/L510/L515	X	X	●	X
Mastergard USV'en Via LAN-Adapter	● S26361-F3417-E500 S26361-F3417-L3/L505/L510/L515	X	X	●	X

● LAN RJ45

LAN-Switches means: all Storage-LAN Switches as well as the Ethernet-Switch S26361-F3417-E1

LAN-CAT 5 Enhanced, customized, order number: **S26361-F3417-E500**
LAN-CAT 5 Enhanced, l=5m, Order-number: **S26361-F3417-E505**   (if available)
LAN-CAT 5 Enhanced, l=15m, Order-number: **S26361-F3417-E515** (if available)
LAN-CAT 5 Enhanced, l=3m, Order number: S26361-F3417-L3
LAN-CAT 5 Enhanced, l=5m, Order-number: S26361-F3417-L505 (if available)
LAN-CAT 5 Enhanced, l=10m, Order number: S26361-F3417-L510
LAN-CAT 5 Enhanced, l=15m, Order-number: S26361-F3417-L515 (if available)

Additional informations about cabling
Other Informations about LAN cabling / controller releases e.g.) see the respective configurator

Use also above overview only with the 5m-, 10m-, 15m-cable
    to the wiring for the selection of the rack-spreading LAN wiring please.

● LAN RJ45

Cross-Over LAN cable, quality= CAT 5 E, is needed for INTERCONNECT

LAN-CAT 5 E, Cross-Over, length = 5m, Order-number: S26361-F3482-E5   (if available)
LAN-CAT 5 E, Cross-Over, length = 5m, Order-number: S26361-F3482-L5   (if available)

IB-Cabling

PRIMERGY Server	Cable- Nr.	Length	IB-Switch
			S26361-K1413-V136
InfiniBand Controller S26361-F4475-E102/E202 in		**1 or 3 m** customized	max. 36 ports
RX200 S6 ●	S26361-F3996-E500	X	●
RX/TX300 S6 ●	S26361-F3996-E500	X	●
RX600 S5/S6 RX900 S2 ●	S26361-F3996-E500	X	●
IB ConnectionBlade ●	S26361-F3996-E500	X	●
CX122 S1 ●	S26361-F3996-E500	X	●
CX120 S1 (only E202) ●	S26361-F3996-E500	X	●

● InfiniBand QSFP (connector in SA, 1x with E102 and 2x with E202)   and to other -F4475-E102/E202

InfiniBand Cu cable 40Gb, customized, order number: S26361-F3996-E500 (for cabling in SA)
InfiniBand Cu cable 40Gb, l=1m, Order-number: S26361-F3996-E101 (for loose delivery of the server ex works)
InfiniBand Cu cable 40Gb, l=3m, Order-number: S26361-F3996-E103 (for loose delivery of the server ex works)
InfiniBand Cu cable 40Gb, l=1m, Order-number: S26361-F3996-L101 (for loose delivery of the IB cable)
InfiniBand Cu cable 40Gb, l=3m, Order-number: S26361-F3996-L103 (for loose delivery of the IB cable)

Additional informations about cabling
Other Informations about IB cabling / controller releases, see the respective configurator

Please use also the above mentioned selection of 1m and 3m IB Cu cable for the rack-spreading IB-cabling.

Information about Smart USV in the internet see:

https://partners.ts.fujitsu.com/com/products/servers/primergy/rackcomp/components/usv/Pages/default.aspx
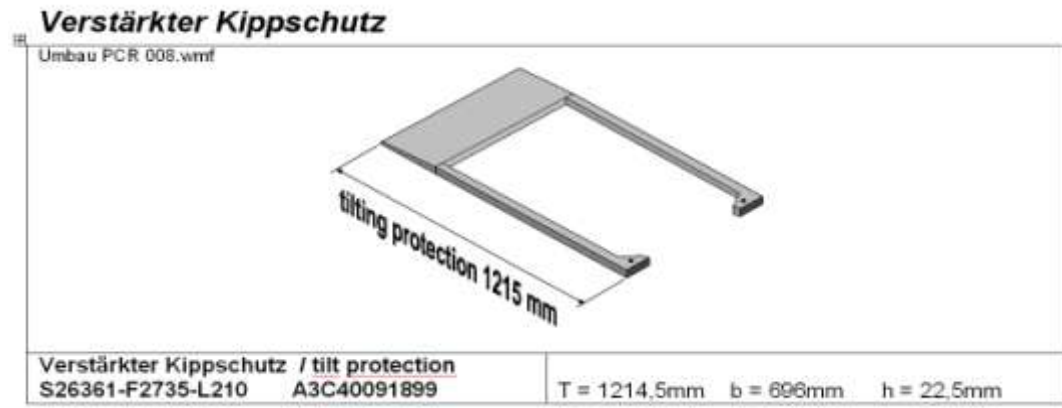
general rack accessories

Please see "Rack Design Guide" also:

http://sp.ts.fujitsu.com/dmsp/docs/pf_rackdesignguide_en.pdf

**S26361-F2735-L210**   **Reinforced tilting protection (PCR2-1100mm)**

Verstärkter Kippschutz

Umbau PCR 008.wmf

tilting protection 1215 mm

Verstärkter Kippschutz / tilt protection
S26361-F2735-L210   A3C40091899   T = 1214,5mm   b = 696mm   h = 22,5mm

S26361-F2735-E7   **Cable magmt. for 19" DC- PC- Rack**
cable management for adding a server or storage subsystem from a 3rd party rack into the
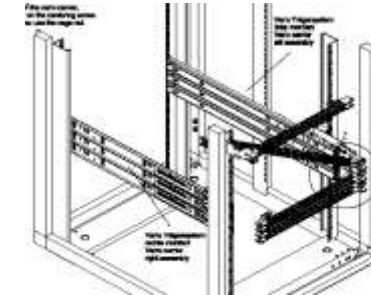PRIMECENTER rack

S26361-F2735-L8   **1U cable arm**

cable arm for 1U PRIMERGY server, dragged for PRIMECENTER- and 3rd-party racks
Detail: mounted 1U cable arm at the left sife of 19" profile
open with Adobe Acrobat reader
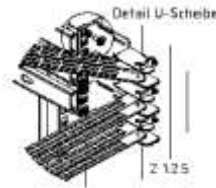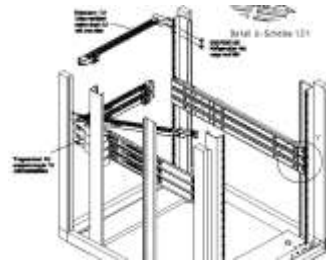
View: front to rear   Rear view rack: 1U cable arms
open with Adobe Acrobat reader   open with Adobe Acrobat reader

S26361-F2735-L130   **Dummy panel 1U plastics**
for assembly in 19" rack

S26361-F2735-L131   **Dummy panel 2U plastics**
for assembly in 19" rack

S26361-F2735-L10   **Support bracket, max. load up to 15kg**

S26361-F2735-L15   **Support bracket, max. load up to 35kg**

S26361-F2735-L31   **Support bracket, max. load up to 50kg**

S26361-F2735-L1   **Rotary knob**
Rotary knob as door latch replacement
For replacement of the key cylinder, in order to open or close the doors of a PC-Rack
without the use of keys
 - 2 pieces rotary knobs
 - 1 removal tool for key zylinder

max. 1x per rack
                                             S26361-F1331-L51

S26361-F1609-L35   **Add-on base plate, 680mm deep 1U**
for assembly in 19" rack (1U), with support bracket, anthracite

S26361-F1609-L17   **Monitor mounting kit 11U f.17"u.15"-displays**
for assembly in 19" rack, base plate and front panel + support bracket 1U
max. load up to 50kg, without monitor

S26361-F2735-L500   **cage nut set, M5, t=2,5mm**

Content: 50 pieces
orderable to boxes, server and racks

S26361-F2735-L510   **SCREW SET IO-BOX Rack Mounting**

Content: M5X14-TORX screws, cage nuts, rosettes; each 16 pieces
orderable to IO-boxes, switches and racks

Changereport

Date	Ordernumber	Changes
2011-01-23	S26361-F4473-E/Lxyz	new global analoge KVM s3 & s4 adapter added
2011-01-21	S26361-F4473-E/Lxyz	new global analoge KVM s3 Switch generation added & RC25 integration kit / switch
2011-01-21	S26361-K1393-Vxyz	new global digital KVM s4 Switch generation added
2010-12-01	S26361-K1387-Vxyz	Rackconsole RC25 - now available
2010-08-19		Config TXF change; LTO5HH new
2010-07-21	S26361-F1331-L200/-L300	Kits no longer available
2010-07-21		register deleted: SX30 Lines; SX30 SCSI-Cables; SX10 SCSI-Cables
2010-01-13	S26361-F2735-E510/L510	IO-Box screw set:16x M5X14-TORX, cage nuts, rosettes
2008-09-01	S26361-K1228-V100	register: Information Config TXF added
2008-08-29		register: configuration diagram updated
2008-08-28		register: KVM S2-Switch, LAN-Cabling, rack accessoires updated
2008-08-28	...-F3417-E505/-E515	register: LAN-Cabling
2008-01-18		Minor text changes
2008-08-01	S26361-K1022-Vxx	LC Racks - new with bypass control as a standard and roller base as an option
2007-11-17	S26361-F2262-E500	New PDU 50A added
2007-09-26	S26361-F2735-E130/131	Dummy panel (plastics) 1U, 2U - now available
2007-09-26	SNP:SY-F1609E1-P*	Dummy panel (metal) 1U, 2U, 3U, 5U - no longer available
2007-02-28		register: general rack accessories and Information Config SX40 added
2006-11-28	S26361-F2735-E8	1U cable arm, hauled - now available
2006-10-30	S26361-F2734-E31	RMK 1 D/P/3rd P Racks telescopic rails for PRIMERGY C150/C200/TX150 (5 U) - no longer available
2006-09-12		Server Restriction for Virtual Media not applicable any more
2006-08-21	S26361-K826-V213	PRIMECENTER Rack 38 U 1100 deep - as soon as available
2006-08-14	S26361-F1647-E100	Rack demounting server ex factory, always(stating now) 1x part of the 46U-racks
2006-08-14	D:GPRAC-ZB0623 S26361-F2201-L20	cable guide adapter and cable management arm for 3rd party racks, optionally for PCR2 orderable
2006-07-24	S26361-F2262-E301	Socket strip RMK 2U horizontal - now available
2006-06-26	S26361-F3417-E500/L510	LAN-Cabling - from 2006-07-10 available
2006-05-24	S26361-F2829-E1	SCSI-Switch for Server Shield - no longer available
2006-05-24	S26361-F2293-E611	Console Switch KVM S2-1611 - no longer available
2006-04-24	SNP:SY-F1954E1-P	3-phase power cord 7m - no longer available
2006-04-24	SNP:SY-F1609E10-P	Monitor installation kit - no longer available
2006-03-24	SNP:SY-F2262E30-P	Socket strip 3x 5 plugs + assembly - no longer available
2006-03-24	SNP:SY-F2262E30-P	Socket strip 3x 5 plugs + assembly - no longer available
2006-03-17	S26361-F2293-E203	KVM s3-Adapter-USB20-VGA - as soon as available
2006-03-17	S26361-F2293-E621	Konsolswitch KVM s3-1621 - as soon as available
2006-03-17	S26361-F2293-E411	Konsolswitch KVM s2-0411 - as soon as available