RACK SOLUTIONS FOR EVERY REQUIREMENT

2022

DATWYLER

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IT RACKS AND ACCESSORIES

Rack solutions for every requirement

A well-chosen rack or cabinet will not only look good, but will add security, increase the lifespan of your devices and also make it easier to maintain the equipment inside, so saving you money and time.

The Datwyler IT racks are as varied as the requirements of our customers. The range includes Standard and Premium racks as well as wall-mounted racks of various sizes, dimensions and configurations. The racks can be adapted to the intended configuration, the relevant cooling concepts, the cabling and/or your safety requirements.

Our wide range of rack accessories includes fans, lighting, earthing and equipotential bonding sets, PDUs, cable management kits, shelves, faceplates and individual doors to coordinate with the cabinets, as well as a lot more besides.

Type	Server Rack		Network Rack		Network Rack	Wall Mount Rack
	Standard	Premium	Standard	Premium	Standard Flex	Premium
Front door	perforated / two-piece perforated / with safety glass / two-piece with safety glass / sheet steel					with safety glass
Back door	perforated / two-piece perforated / sheet steel / two-pice sheet steel / sheet steel panel					sheet steel panel
Lock type	1 point / 3 point					1 point
Max. load capacity	1000 kg	1500 kg	800 kg		500 kg	30 to 40 kg
Height	42 or 48U		21, 27, 42 or 48U		42U	6, 9, 12, 15 or 18U

IT RACKS AND ACCESSORIES

Datwyler offer a wide range of racks and cabinets. Below is a selection from our product range.
In order to find the ideal solution for your installation, please contact us. Our local sales office will be pleased to assist you.

SERVER RACKS

Server Racks Premium DSRP 19"/42U and 48U

with perforated doors

Server Rack Premium DSRP, 42U, 600 x 1200 mm

Application

The Datwyler Server Racks Premium DSRP are heavy-duty cabinets with fully welded frames especially designed for data centres, server rooms and comms rooms. Its load capacity of up to 1500 kg makes it possible to install even heavy equipment within a footprint of a standard rack.

Features

Size:	Height: 42U and 48U Width: 600 mm Depth: 1000 or 1200 mm
Construction:	Welded sheet steel frame (2.0 mm, partially 1.5 mm)
Load capacity:	1500 kg, balanced on 19-inch vertical profiles
19 inch profiles:	2 pairs of 19-inch vertical profiles, 600 mm, front / rear, stepless depth adjustment from inside, with U label
IP rating:	IP20
Colour:	Black or light grey
Front / rear doors:	One-piece perforated doors, 86% perforation, with swivel handle lock, DIN profile, universal key 333, 3-point locking, up to 180° aperture angle; front door can be hinged right or left
Side panels:	Removable, locks with universal key
Top panels:	One-piece (D: 1000 mm) or multi-piece (D: 1200 mm), removable, 100 mm round cable entry hole with plastic cover in each corner, 2-4 additional 300 × 100 mm cable entry holes, covered with sheet steel plates
Bottom panels:	Multi-piece, removable, 100 mm round cable entry hole with plastic cover in each corner, 2-4 additional 300 × 100 mm cable entry holes, covered with sheet steel plates
Feet:	Set of 4 adjustable feet
Delivery:	Fully assembled and packed, including installation instructions Comes with pre-installed flat earthing kit and mounting kits (screws, cage nuts, washers)
Optional accessories:	2-door sets, plinths, castors, rack baying kits, etc. (see from page 9 or visit ITinfra.datwyler.com)

Article No.	Description	Load kg	Weight kg	Dimensions HxWxD	Colour
195000	Server Rack Premium DSRP-42-60/100	1500	135	42U, 1978 x 600 x 1000 mm	black
195001	Server Rack Premium DSRP-42-60/120	1500	149	42U, 1978 x 600 x 1200 mm	black
195264	Server Rack Premium DSRP-42-80/80	1500	134	42U, 1978 x 800 x 800 mm	black
195115	Server Rack Premium DSRP-42-80/100	1500	157	42U, 1978 x 800 x 1000 mm	black
195116	Server Rack Premium DSRP-42-80/120	1500	175	42U, 1978 x 800 x 1200 mm	black
195002	Server Rack Premium DSRP-48-60/100	1500	148	48U, 2245 x 600 x 1000 mm	black
195003	Server Rack Premium DSRP-48-60/120	1500	178	48U, 2245 x 600 x 1200 mm	black
195117	Server Rack Premium DSRP-48-80/100	1500	173	48U, 2245 x 800 x 1000 mm	black
195118	Server Rack Premium DSRP-48-80/120	1500	208	48U, 2245 x 800 x 1200 mm	black
195111	Server Rack Premium DSRP-42-60/100	1500	135	42U, 1978 x 600 x 1000 mm	light grey
195112	Server Rack Premium DSRP-42-60/120	1500	149	42U, 1978 x 600 x 1200 mm	light grey
195265	Server Rack Premium DSRP-42-80/80	1500	134	42U, 1978 x 800 x 800 mm	light grey
195119	Server Rack Premium DSRP-42-80/100	1500	157	42U, 1978 x 800 x 1000 mm	light grey
195120	Server Rack Premium DSRP-42-80/120	1500	175	42U, 1978 x 800 x 1200 mm	light grey
195113	Server Rack Premium DSRP-48-60/100	1500	148	48U, 2245 x 600 x 1000 mm	light grey
195114	Server Rack Premium DSRP-48-60/120	1500	178	48U, 2245 x 600 x 1200 mm	light grey
195121	Server Rack Premium DSRP-48-80/100	1500	173	48U, 2245 x 800 x 1000 mm	light grey
195122	Server Rack Premium DSRP-48-80/120	1500	208	48U, 2245 x 800 x 1200 mm	light grey

More versions available on request

SERVER RACKS

Server Racks Standard DSRS 19"/42U

with perforated doors

Server Rack Standard DSRS, 42U, 800 x 1000 mm

Application
The Datwyler Server Racks Standard DSRS are designed to provide good-quality cabinets that offer an unrivaled cost-performance ratio.

Features

Size:	Height: 42U Width: 600 or 800 mm Depth: 1000 or 1200 mm
Construction:	Welded sheet steel frame (1.5 mm)
Load capacity:	1000 kg, balanced on 19-inch vertical profiles
19 inch profiles:	2 pairs of 19-inch vertical profiles (front/rear), with U label, stepless depth adjustment from inside; cabinets of 800 mm width offer 3 additional vertical 19"/2U positions per 19-inch extrusion
IP rating:	IP20
Colour:	Black or light grey
Front / rear doors:	One-piece perforated doors, 86% perforation, with swivel handle lock, DIN profile, universal key 333, single point locking, up to 180° aperture angle Front door can be hinged right or left
Side panels:	Removable, locks with universal key
Delivery:	Fully assembled and packed, including installation instructions Comes with pre-installed flat earthing kit and 28 pcs. mounting kit
Optional accessories:	Plinths, fan ventilation units, castors, rack baying kits, etc. (see from page 9 or visit ITinfra.datwyler.com)

Article No.	Description	Load kg	Weight kg	Dimensions HxWxD	Colour
195420	Server Rack Standard DSRS-42-60/100	1000	114	42U, 2000 x 600 x 1000 mm	black
195424	Server Rack Standard DSRS-42-60/120	1000	139	42U, 2000 x 600 x 1200 mm	black
195421	Server Rack Standard DSRS-42-80/100	1000	133	42U, 2000 x 800 x 1000 mm	black
195425	Server Rack Standard DSRS-42-80/120	1000	158	42U, 2000 x 800 x 1200 mm	black
195422	Server Rack Standard DSRS-42-60/100	1000	114	42U, 2000 x 600 x 1000 mm	light grey
195426	Server Rack Standard DSRS-42-60/120	1000	139	42U, 2000 x 600 x 1200 mm	light grey
195423	Server Rack Standard DSRS-42-80/100	1000	133	42U, 2000 x 800 x 1000 mm	light grey
195427	Server Rack Standard DSRS-42-80/120	1000	158	42U, 2000 x 800 x 1200 mm	light grey

More versions available on request

NETWORK RACKS

Network Racks Premium DNRP 19"/27U, 42U and 48U

with glass front door & steel rear door

Network Racks Standard DNRS, 42U, 600 x 800 mm

Application

The Datwyler Nework Racks Premium DNRP are cabinets with fully welded frames and high load capacities designed for data centres, server rooms and comms rooms.

Features

Sizes:	Height: 27U, 42U and 48U Width: 800 mm Depth: 800, 1000, 1200 mm
Construction:	Welded sheet steel frame (2.0 mm, partially 1.5 mm)
Load capacity:	800 kg (42/48U), 400 kg (27U), balanced on 19-inch vertical profiles
19-inch profiles:	2 pairs of 19-inch vertical profiles, front / rear, adjustable from inside, with U label
IP rating:	IP40 (IP54 on request)
Colours:	Black or light grey
Front / rear doors:	Tinted safety glass front door, sheet steel rear door, non-perforated, both with swivel handle lock, DIN profile, universal key 333, 3-point locking, up to 180° aperture angle Doors can be hinged right or left
Side panels:	Removable, locks with universal key
Top panels:	One-piece (D: 800/1000 mm) or multi-piece (D: 1200 mm), removable, 100 mm round cable entry hole with plastic cover in each corner, 2 additional 300 × 100 mm cable entry holes, 2-4 additional 300 × 50 mm cable entry holes and 1-2 openings for the installation of fan ventilation units, each covered with a sheet steel plate
Bottom panels:	Multi-piece, removable, 100 mm round cable entry hole with plastic cover in each corner, 5-8 additional 300 × 100 mm cable entry holes, covered with sheet steel plates
Feet:	4 adjustable feet
Delivery:	Fully assembled and packed, including installation instructions Comes with pre-installed flat earthing kit and 28 pcs. mounting kits (screws, cage nuts, washers)
Optional accessories:	2-door sets, plinths, castors, rack baying kits, etc. (see from page 9 or visit ITinfra.datwyler.com)

Article No.	Description	Load kg	Weight kg	Dimensions HxWxD	Colour
195012	Network Rack Premium DNRP-27-80/100	400	124	27U, 1311 x 800 x 1000 mm	black
195480	Network Rack Premium DNRP-42-80/80	800	134	42 U, 1978 x 800 x 800 mm	black
195008	Network Rack Premium DNRP-42-80/100	800	157	42U, 1978 x 800 x 1000 mm	black
195009	Network Rack Premium DNRP-42-80/120	800	175	42U, 1978 x 800 x 1200 mm	black
195010	Network Rack Premium DNRP-48-80/100	800	173	48U, 2245 x 800 x 1000 mm	black
195011	Network Rack Premium DNRP-48-80/120	800	208	48U, 2245 x 800 x 1200 mm	black
195020	Network Rack Premium DNRP-27-80/80	400	100	27U, 1311 x 800 x 800 mm	light grey
195021	Network Rack Premium DNRP-27-80/100	400	124	27U, 1311 x 800 x 1000 mm	light grey
195014	Network Rack Premium DNRP-42-80/80	800	134	42U, 1978 x 800 x 800 mm	light grey
195015	Network Rack Premium DNRP-42-80/100	800	157	42U, 1978 x 800 x 1000 mm	light grey
195016	Network Rack Premium DNRP-42-80/120	800	175	42U, 1978 x 800 x 1200 mm	light grey
195017	Network Rack Premium DNRP-48-80/80	800	147	48U, 2245 x 800 x 800 mm	light grey
195018	Network Rack Premium DNRP-48-80/100	800	173	48U, 2245 x 800 x 1000 mm	light grey
195019	Network Rack Premium DNRP-48-80/120	800	208	48U, 2245 x 800 x 1200 mm	light grey

More versions available on request

NETWORK RACKS

Network Racks Standard DNRS
19"/ 21U, 27U, 42U and 48U

Network Racks Standard DNRS,
42U, 600 x 800 mm

Application
The Datwyler Network Racks Standard DNRS are designed to provide good-quality cabinets that offer an unrivaled cost-performance ratio.

Features

Sizes:	Height: 21U, 27U, 42U and 48U Width: 600 or 800 mm Depth: 600 - 1200 mm
Construction:	Welded sheet steel frame (1.5 mm)
Load capacities:	800 kg balanced on 19-inch vertical profiles
19 inch profiles:	2 pairs of 19-inch vertical profiles, front / rear, adjustable from inside, with U label
IP rating:	IP30
Colour:	Black or light grey
Front door:	With tinted safety glass and swivel handle lock, DIN profile, universal key 333, single point locking, up to 180° aperture angle, door can be hinged right or left
Rear panel:	Sheet steel, removable, with knock-out cable entry, lock with universal key
Side panels:	Removable, locks with universal key
Delivery:	Fully assembled and packed, including installation instructions Comes with pre-installed flat earthing kit and 28 pcs. mounting kits (screws, cage nuts, washers)
Optional accessories:	Plinths, fan ventilation units, castors, rack baying kits, etc. (see from page 9 or visit ITinfra.datwyler.com)

Article No.	Description	Load kg	Weight kg	Dimensions HxWxD	Colour
195433	Network Rack Standard DNRS-21-60/60	800	52	21U, 1045 x 600 x 600 mm	black
195431	Network Rack Standard DNRS-21-60/80	800	61	21U, 1045 x 600 x 800 mm	black
195432	Network Rack Standard DNRS-21-80/80	800	73	21U, 1045 x 800 x 800 mm	black
195444	Network Rack Standard DNRS-27-60/60	800	61	27U, 1300 x 600 x 600 mm	black
195445	Network Rack Standard DNRS-27-60/80	800	70	27U, 1300 x 600 x 800 mm	black
195446	Network Rack Standard DNRS-27-80/80	800	84	27U, 1300 x 800 x 800 mm	black
195430	Network Rack Standard DNRS-42-60/60	800	83	42U, 2000 x 600 x 600 mm	black
195428	Network Rack Standard DNRS-42-60/80	800	94	42U, 2000 x 600 x 800 mm	black
195429	Network Rack Standard DNRS-42-80/80	800	116	42U, 2000 x 800 x 800 mm	black
195454	Network Rack Standard DNRS-42-80/100	800	125	42U, 2000 x 800 x 1000 mm	black
195455	Network Rack Standard DNRS-42-80/120	800	158	42U, 2000 x 800 x 1200 mm	black
195435	Network Rack Standard DNRS-48-60/80	800	106	48U, 2200 x 600 x 800 mm	black
195436	Network Rack Standard DNRS-48-80/80	800	124	48U, 2200 x 800 x 800 mm	black
195442	Network Rack Standard DNRS-21-60/60	800	52	21U, 1045 x 600 x 600 mm	light grey
195440	Network Rack Standard DNRS-21-60/80	800	61	21U, 1045 x 600 x 800 mm	light grey
195441	Network Rack Standard DNRS-21-80/80	800	73	21U, 1045 x 800 x 800 mm	light grey
195447	Network Rack Standard DNRS-27-60/60	800	61	27U, 1300 x 600 x 600 mm	light grey
195448	Network Rack Standard DNRS-27-60/80	800	70	27U, 1300 x 600 x 800 mm	light grey
195449	Network Rack Standard DNRS-27-80/80	800	84	27U, 1300 x 800 x 800 mm	light grey
195439	Network Rack Standard DNRS-42-60/60	800	83	42U, 2000 x 600 x 600 mm	light grey
195437	Network Rack Standard DNRS-42-60/80	800	94	42U, 2000 x 600 x 800 mm	light grey
195438	Network Rack Standard DNRS-42-80/80	800	116	42U, 2000 x 800 x 800 mm	light grey
195452	Network Rack Standard DNRS-42-80/100	800	125	42U, 2000 x 800 x 1000 mm	light grey
195453	Network Rack Standard DNRS-42-80/120	800	158	42U, 2000 x 800 x 1200 mm	light grey
195450	Network Rack Standard DNRS-48-60/80	800	106	48U, 2200 x 600 x 800 mm	light grey
195451	Network Rack Standard DNRS-48-80/80	800	124	48U, 2200 x 800 x 800 mm	light grey

More versions available on request

NETWORK RACKS

Network Racks Standard Flex (disassembled) 19"/42U

with glass front door and steel rear door

Application
The Datwyler Network Racks Standard Flex are designed to provide good-quality cabinets that offer an unrivaled cost-performance ratio. Flex racks are used in areas with limited space in which racks with welded construction cannot be installed

Features

Sizes:	Height: 42U Width: 800 mm Depth: 1000 mm
Construction:	Whelded sheet steel frame (1.5 mm), connected by 32 M6x12 screws, delivery in disassembled state (for on-site assembly), bayable
Load capacity:	800 kg
19-inch profiles:	2 pairs of 19-inch vertical profiles, front / rear, adjustable from inside, with U label
IP rating:	IP40 (with side panels)
Colours:	Black or light grey
Front door:	With tinted safety glass, up to 180° aperture angle, with swivel handle lock, DIN profile, universal key, 1-point locking
Rear doors:	2 sheet steel doors with swivel handle lock, DIN profile, universal key 333, 3-point lock (or with removable rear panel, see list below)
Side panels:	Sheet steel, with locks
Top panel:	One-piece, with 100 x 300 mm cable entry hole, suitable for dust protection panel with brush (195060), opening for the installation of fan ventilation unit 420 x 440 mm
Bottom panel:	with one 100 x 300 mm cable entry hole, suitable for dust protection panel with brush (195060), two 100 x 115 mm opening, one 300 x 115 mm opening and opening for the installation of fan ventilation unit 420 x 440 mm
Feet:	4 adjustable feets
Delivery:	with earthing kit; comes without plinth

Article No.	Description	Load kg	Dimensions HxWxD	Colour
19699200ZY	Network Rack Standard Flex	800	42U, 2000 x 800 x 800 mm	black
19699300ZY	Network Rack Standard Flex	800	42U, 2000 x 800 x 1000 mm	black
19699400ZY	Network Rack Standard Flex	800	42U, 2000 x 800 x 800 mm	light grey
19699500ZY	Network Rack Standard Flex	800	42U, 2000 x 800 x 1000 mm	light grey
195490	Network Rack Standard Flex*	800	42U, 2000 x 800 x 1000 mm	light grey
19546300ZY	Network Rack Standard Flex*	800	42U, 2000 x 800 x 800 mm	light grey

* with removable rear panel. More versions available on request

WALL MOUNT RACKS

Wall Mount Racks Premium DWMR 19"/ 6U, 9U, 12U, 15U and 18U

Wall Mount Rack Premium DWMR, 9U, 600 x 500 mm

Application
The Datwyler Wall Mount Racks DWMR are designed to host patch panels, active components and other data network equipment. They offer an extended access level from all sides thanks to removable (and lockable) side panels.

Features

Sizes:	Height: 6U (358 mm), 9U (491 mm), 12U (624 mm), 15U (758 mm), 18U (891 mm) Width: 600 mm Depth (usable depth): 400 mm (380 mm), 500 mm (480 mm) and 600 mm (580 mm)
Construction:	Welded sheet steel frame (1.25 mm)
Load capacities:	40 kg (D: 500 mm), 30 kg (D: 600 mm)
IP rating:	IP30
Colours:	Black or light grey
Front door:	With tinted safety glass and round lock, universal key 333, up to 180° aperture angle, door can be hinged right or left (easy to change)
Rear panel:	Removable, with 150 × 56 mm knock-out panel and pre-punched holes for wall-mount installation (cabinet can also be installed without rear panel)
Standard configuration:	1 pair of adjustable 19-inch vertical profiles with U label, 2 removable side panels, each with universal lock, tinted safety glass door with universal round lock, pre-installed flat earthing kit, 16 pcs. mounting set: screws, cage nuts and washers
Delivery:	Fully assembled and packed, including 2 keys and drilling template
Optionally available:	1 additional pair of adjustable 19-inch profiles (rear), spare key, cable entry panel with brush (see from page 9 or visit ITinfra.datwyler.com)

More configurations are available on request.

Article No.	Description	Load kg	Weight kg	Dimensions HxWxD	Colour
195099	Wall Mount Rack Premium DWMR-9-60/50	40	23	9U, 500 x 600 x 500 mm	black
195103	Wall Mount Rack Premium DWMR-9-60/60	30	26	9U, 500 x 600 x 600 mm	black
195100	Wall Mount Rack Premium DWMR-12-60/50	40	26	12U, 630 x 600 x 500 mm	black
195104	Wall Mount Rack Premium DWMR-12-60/60	30	29	12U, 630 x 600 x 600 mm	black
195101	Wall Mount Rack Premium DWMR-15-60/50	40	30	15U, 760 x 600 x 500 mm	black
195105	Wall Mount Rack Premium DWMR-15-60/60	30	33	15U, 760 x 600 x 600 mm	black
195102	Wall Mount Rack Premium DWMR-18-60/50	40	36	18U, 900 x 600 x 500 mm	black
195106	Wall Mount Rack Premium DWMR-18-60/60	30	39	18U, 900 x 600 x 600 mm	black
19546100ZY	Wall Mount Rack Premium DWMR-6-60/40	40	12,5	6U, 358 x 600 x 400 mm	light grey
19546200ZY	Wall Mount Rack Premium DWMR-6-60/50	40	16	6U, 358 x 600 x 500 mm	light grey
195033	Wall Mount Rack Premium DWMR-9-60/50	40	23	9U, 500 x 600 x 500 mm	light grey
195037	Wall Mount Rack Premium DWMR-9-60/60	30	26	9U, 500 x 600 x 600 mm	light grey
195034	Wall Mount Rack Premium DWMR-12-60/50	40	26	12U, 630 x 600 x 500 mm	light grey
195038	Wall Mount Rack Premium DWMR-12-60/60	30	29	12U, 630 x 600 x 600 mm	light grey
195035	Wall Mount Rack Premium DWMR-15-60/50	40	30	15U, 760 x 600 x 500 mm	light grey
195039	Wall Mount Rack Premium DWMR-15-60/60	30	33	15U, 760 x 600 x 600 mm	light grey
195036	Wall Mount Rack Premium DWMR-18-60/50	40	36	18U, 900 x 600 x 500 mm	light grey
195040	Wall Mount Rack Premium DWMR-18-60/60	30	39	18U, 900 x 600 x 600 mm	light grey

ACCESSORIES: CABLE MANAGEMENT

Cable management	Article No.	Description	Suitable for	Colour	PU
		Horizontal cable management unit, 10 fingers, removeable cover, depth: 112 mm, with mounting kit	all racks		
	195041	1U		black	1
	195042	2U		black	1
	195043	3U		black	1
		Horizontal cable management holders			
	195204	depth = 600 mm	DNRS/DSRS	black	1
	195205	depth = 800 mm	all racks	black	1
		19" cable management panel, 5 plastic rings, 4 holes for cable entry	all racks		
	195220	1U, 40 x 50 mm rings		black	1
	195097	1U, 40 x 80 mm rings		black	1
	195098	2U, 80 x 60 mm rings		black	1
	195221	2U, 80 x 80 mm rings		black	1
	1411604	Management panel 19"/1U for 5 support brackets (delivery without brackets)		grey	1
	1407689	Management panel 19"/1U for 5 support brackets (delivery without brackets)		black	1
	418200	Management panel 19"/1U for 5 support brackets (delivery without brackets)		stainless steel	1
	1411480	Support bracket, depth: 60 mm plastic		black	1
	1411481	Support bracket, depth: 75 mm metal			1
	1411482	Support bracket, depth: 110 mm metal			1
	185735	Management panel, 19"/1U, with 4 metal brackets		grey	1
	185736	Management panel, 19"/2U, with 4 metal brackets		grey	1
		Cable bracket, metal, for vertical cable management	all racks		
	195139	side entry, zinc plated, 100 x 140 mm			10
	195140	front entry, zinc plated, 100 x 140 mm			10
	195141	front entry, zinc plated, 100 x 100 mm			10
		HD Cable manager - vertical	all racks		
	195044	42U, 100 x 112 mm, with 41 fingers, high density	42U	black	1 set
		Vertical cable manager with plastic duct	800 mm		
	195235	15U, 80 x 60 mm	wide DNRS	black	1
	195237	33U, 80 x 60 mm		black	1
	195239	21U, 80 x 60 mm		black	1
	195241	27U, 80 x 60 mm		black	1
	195243	42U, 80 x 60 mm		black	1
		Holder for vertical cable manager	800 mm		
	195236	for 15U, 80 mm (Article No. 195235)	wide DNRS	black	2
	195238	for 33U, 80 mm (Article No. 195237)		black	2
	195240	for 21U, 80 mm (Article No. 195239)		black	2
	195242	for 27U, 80 mm (Article No. 195241)		black	2
	195244	for 42U, 80 mm (Article No. 195243)		black	2
	195313	C-rail, 1145 mm, with mounting material	all racks		1 set
	195309	C-rail, 945 mm, with mounting material			1 set
	195307	C-rail, 745 mm, with mounting material			1 set
	195308	Cable clamp rail, 745 mm, for rack depth 800 mm	all racks		1
	on request	Cable clamp rail, for rack depth 1000 mm	all racks		1
	on request	Cable clamp rail, for rack depth 1200 mm	all racks		1

ACCESSORIES: STRUCTURE

Plinths	Article No.	Description	Suitable for	Colour	PU
		Plinth front and rear panel set (corners are also covered)			
	19554000ZY	width: 300 mm	all racks	black	1 set
	19554100ZY	width: 400 mm		black	1 set
	19554200ZY	width: 600 mm		black	1 set
	19554300ZY	width: 800 mm		black	1 set
		Plinth side panel set (for completely closed plinth)			
	19554400ZY	width: 600 mm	all racks	black	1 set
	19554500ZY	width: 800 mm		black	1 set
	19554600ZY	width: 1000 mm		black	1 set
	19554700ZY	width: 1200 mm		black	1 set
		Plinth front and rear panel set (corners are also covered)			
	19554800ZY	width: 300 mm	all racks	light grey	1 set
	19554900ZY	width: 400 mm		light grey	1 set
	19555000ZY	width: 600 mm		light grey	1 set
	19555100ZY	width: 800 mm		light grey	1 set
		Plinth side panel set (for completely closed plinth)			
	19555200ZY	width: 600 mm	all racks	light grey	1 set
	19555300ZY	width: 800 mm		light grey	1 set
	19555400ZY	width: 1000 mm		light grey	1 set
	19555500ZY	width: 1200 mm		light grey	1 set
	19555600ZY	Filter set for plinth panels	all racks	black	1 set
	19555700ZY	Filter set for plinth panels	all racks	light grey	1 set
	19555800ZY	Adjustable feet set for plinth, 4 pcs.	all racks		1 set

Panels & plates	Article No.	Description	Suitable for	Colour	PU
	195060	Dust protection panel for 300 x 100 mm prepunched openings in racks, 2 brush layers	all racks	black	1
		19" blank plate set for covering unused height units in the racks, sheet steel, screwable, without mounting kit (see article no. 401261)	all racks		
	401240	19" blank plate 1U		light grey	1
	401241	19" blank plate 1U		black	1
	401242	19" blank plate 1U		stainless steel	1
	401243	19" blank plate 2U		light grey	1
	401244	19" blank plate 2U		black	1
	401245	19" blank plate 2U		stainless steel	1

ACCESSORIES: STRUCTURE

Panels & plates	Article No.	Description	Colour	PU
		19" blank plate set for covering unused height units in the racks, tool-less (with 1/4-turn fastener)		
	195184	1U	black	5 pcs.
	195185	2U	black	5 pcs.
	195186	3U	black	5 pcs.
	195187	1U	light grey	5 pcs.
	195188	2U	light grey	5 pcs.
	195189	3U	light grey	5 pcs.
	195230	19" vented panel, with brush, for front to rear cabling, minimizes by-pass airflow in the rack; sheet steel, powder coated, screwable; delivery without mounting kit	black	1

Shelves	Article No.	Description	Colour	PU
		19" shelves, 20 kg load capacity per shelf quick fastening with two brackets		
	195148	1U, 250 mm depth	light grey	1 pc.
	195161	1U, 350 mm depth	light grey	1 pc.
	195162	1U, 450 mm depth	light grey	1 pc.
	195163	1U, 550 mm depth	light grey	1 pc.
	195164	1U, 650 mm depth	light grey	1 pc.
	195165	1U, 750 mm depth	light grey	1 pc.
	195147	1U, 250 mm depth	black	1 pc.
	195082	1U, 350 mm depth	black	1 pc.
	195083	1U, 450 mm depth	black	1 pc.
	195084	1U, 550 mm depth	black	1 pc.
	195085	1U, 650 mm depth	black	1 pc.
	195086	1U, 750 mm depth	black	1 pc.
		19" shelves, 60 kg load capacity per shelf		
	195166	2U, 450 mm depth	light grey	1 pc.
	195167	2U, 550 mm depth	light grey	1 pc.
	195168	2U, 650 mm depth	light grey	1 pc.
	195087	2U, 450 mm depth	black	1 pc.
	195088	2U, 550 mm depth	black	1 pc.
	195089	2U, 650 mm depth	black	1 pc.
		19" high load shelf set, 100 kg maximum load, with 1 high load shelf, 4 mounting brackets, screws and nuts — all racks		
	195173	1U shelf, high load, 450 mm, mounting distance: 113 - 463 mm	black	1 set
	195174	1U shelf, high load, 550 mm, mounting distance: 213 - 563 mm	black	1 set
	195175	1U shelf, high load, 650 mm, mounting distance: 313 - 663 mm	black	1 set
		19" telescopic high load shelf set, 80 kg maximum load, completely assembled, with telescopic slides, without screws/nuts — all racks		
	195179	1U shelf, telescopic, high load, 450 mm, mounting distance: 296 - 507 mm, depth: 471 mm	black	1 set
	195174	1U shelf, telescopic, high load, 550 mm, mounting distance: 406 - 607 mm, depth: 571 mm	black	1 set
	195182	Support bracket for shelves - short, 88 mm (according to combination rack/shelf)		1 pair
	195183	Support bracket for shelves - long, 289 mm (according to combination rack/shelf)		1 pair

ACCESSORIES: STRUCTURE

Various	Article No.	Description		PU
	195090	Castor for free-standing racks, 1 pc., 50 kg load capacity		1 set
	195091	Swivel braked castor for free-standing racks, 1 pc., 50 kg load capacity		1 set
	195093	Rack baying kit for baying 2 racks with side panels together		1 set
	401261	Mounting kit 50 Torx M6 screws, nuts and washers		1 set
	195481	Slide rails, nominal depth: 500 mm, distance between the 19" levels: 496 mm, depth: 442 mm, maximum load: 50 kg, including mounting material	black	1 pair
	195469	Slide rails, nominal depth: 600 mm, distance between the 19" levels: 596 mm, depth: 542 mm, maximum load: 50 kg, including mounting material	black	1 pair
	19550100ZY	Slide rails, nominal depth: 800 mm, distance between the 19" levels: 796 mm, depth: 742 mm, maximum load: 50 kg, including mounting material Optional mounting kit 195092 (M5)	black	1 pair
	195418	Keyboard holder, folding, 19", 1U, for maximum keyboard size of 480 x 175 mm, the keyboard can be fixed with self-adhesive velcro tapes (included)	black	1 pc.
	195190	Keyboard holder, telescopic, 19", 1U, depth: 480 mm, for a maximum keyboard width of 400 mm and height of 36 mm, including mounting bracket	black	1 pc.
	195191	19"/3U drawer, 1.25 / 1.5 mm powder coated sheet steel, 430 mm total depth, 280 mm pull distance, 10 kg maximum load, comes with universal lock and 2 keys	black	1 set
	195181	Documents pocket, A4, self-adhesive		1 pc.
	195329	Vertical grounding bar 15U, 5 clamps		1 pc.
	195330	Vertical grounding bar 18U, 5 clamps		1 pc.
	195331	Vertical grounding bar 21U, 5 clamps		1 pc.
	195332	Vertical grounding bar 27U, 5 clamps		1 pc.
	195333	Vertical grounding bar 33U, 5 clamps		1 pc.
	195297	Vertical grounding bar 42U, 5 clamps		1 pc.
	195334	Vertical grounding bar 45U, 5 clamps		1 pc.
	195359	Vertical grounding bar 48U, 5 clamps		1 pc.
	19538600ZY	Clamp for grounding bar		1 pc.
	195251	Grounding bar, 8 x 8 mm, 22 connection points, 40A, with mounting kit and grounding cable		1 pc.

ACCESSORIES: VENTILATION & LIGHTNING

Fan ventilation	Article No.	Description	Colour	PU
		19" 2-fan ventilation unit, 224 m³/h, 38W / 0.18A, AC 230V/50Hz including thermostat, 0-60 °C, and 1.8 m cord, Schuko to C13 (w/o installation frame)		
	195069		black	1 pc.
	195075		light grey	1 pc.
		Installation frame for 19" 2-fan ventilation unit, top and bottom installation, w/o filter		
	195070	for racks of 600, 800 and 1200 mm depth	black	1 pc.
	195071	for racks of 1000 mm depth	black	1 pc.
	195076	for racks of 600, 800 and 1200 mm depth	light grey	1 pc.
	195077	for racks of 1000 mm depth	light grey	1 pc.
		19" 4-fan ventilation unit, 448 m³/h, 76W / 0.36A, AC 230V/50Hz including thermostat, 0-60 °C, and 1.8 m cord, Schuko to C13 (w/o installation frame)		
	195072		black	1 pc.
	195078		light grey	1 pc.
		Installation frame for 19" 4-fan ventilation unit, top and bottom installation, w/o filter		
	195073	for racks of 600, 800 and 1200 mm depth	black	1 pc.
	195074	for racks of 1000 mm depth	black	1 pc.
	195079	for racks of 600, 800 and 1200 mm depth	light grey	1 pc.
	195080	for racks of 1000 mm depth	light grey	1 pc.
		Compact fan ventilation units for roof mounting		
	195131	2-fan ventilation unit, including thermostat, for rack depths 600 / 800 / 1200 mm	black	1 set
	195132	2-fan ventilation unit, without thermostat, for rack depths 600 / 800 / 1200 mm	black	1 set
	195133	2-fan ventilation unit, including thermostat, for racks depth 1000 mm	black	1 set
	195134	2-fan ventilation unit, without thermostat, for racks depth 1000 mm	black	1 set
	195135	4-fan ventilation unit, including thermostat, for rack depths 600 / 800 / 1200 mm	black	1 set
	195136	4-fan ventilation unit, without thermostat, for rack depths 600 / 800 / 1200 mm	black	1 set
	195137	4-fan ventilation unit, including thermostat, for rack depth 1000 mm	black	1 set
	195138	4-fan ventilation unit, without thermostat, for racks depth 1000 mm	black	1 set

Rack lighting	Article No.	Type	Dimensions	Voltage [V]	Colour	PU
	280504	LED, 19" 1U, 230V / 7.2W S DC 3m GR	448 x 54.5 x 26 mm	230 V AC	light grey	1 pc.
	280505	LED, 19" 1U, 230V / 7.2W S DC 3m BK	448 x 54.5 x 26 mm	230 V AC	black	1 pc.
	Designed for a variety of installation methods: tool-less, magnetic and/or with monting frame					
	280510	Mounting frame	448 x 42 x 5 mm		light grey	1 pc.
	280511	Mounting frame	448 x 42 x 5 mm		black	1 pc.
	280506	LED, 350 mm, 230V /11.5W S DC SK ALU	350 x 92 x 46 mm	230 V AC	aluminum	1 pc.
	280512	Connection cable 230V 3 m OR 3 x 1.52 mm	L = 3000 mm	230 V AC	orange	1 pc.
	280508	Door position contact 230V 1.5m AN BK, angled	95 x 63 x 24 mm	230 V AC	black	1
	280509	Door position contact 230V 1.5m ST BK, straight	95 x 63 x 24 mm	230 V AC	black	1

ACCESSORIES: PDU & RACK MONITORING SYSTEM

iPDU	Article No.	Product	Description	PU
	4110619	PDU121-0700A-EN	iPDU A series, 7x C13, input: 16A 1 phase	1 pc.
	4110620	PDU121-1204A-EN	iPDU A series, 12x C13, 4x C19, input: 16A 1 phase	1 pc.
	4110621	PDU131-1604A-EN	iPDU A series, 16x C13, 4x C19, input: 32A 1 phase	1 pc.
	4110622	PDU141-1204A-EN	iPDU A series, 12x C13, 4x C19, input: 16A 3 phase	1 pc.
	4110623	PDU131-1204B-EN	iPDU B series, 12x C13, 4x C19, input: 32A 1 phase	1 pc.
	4110624	PDU131-1806B-EN	iPDU B series, 18x C13, 6x C19, input: 32A 1 phase	1 pc.
	4110625	PDU151-1806B-EN	iPDU B series, 18x C13, 6x C19, input: 32A 3 phase	1 pc.
	4110626	PDU131-1204C-EN	iPDU C series, 12x C13, 4x C19, input: 32A 1 phase	1 pc.
	4110627	PDU131-1806C-EN	iPDU C series, 18x C13, 6x C19, input: 32A 1 phase	1 pc.
	4110628	PDU151-1806C-EN	iPDU C series, 18x C13, 6x C19, input: 32A 3 phase	1 pc.
	4110629	PDU131-1204D-EN	iPDU D series, 12x C13, 4x C19, input: 32A 1 phase	1 pc.
	4110630	PDU131-1806D-EN	iPDU D series, 18x C13, 6x C19, input: 32A 1 phase	1 pc.
	4110631	PDU151-1806D-EN	iPDU D series, 18x C13, 6x C19, input: 32A 3 phase	1 pc.
	4124600	PDU141-1806D-EN	iPDU D series, 18x C13, 6x C19, input: 16A 3 phase	1 pc.
	4110640	PDU121-1806B-EN	iPDU B series, 18x C13, 6x C19, input: 16A 1 phase	1 pc.
	4124641	PDU141-1806B-EN	iPDU B series, 18x C13, 6x C19, input: 16A 3 phase	1 pc.
	4124642	PDU121-1806C-EN	iPDU C series, 18x C13, 6x C19, input: 16A 1 phase	1 pc.
	4124643	PDU141-1806C-EN	iPDU C series, 18x C13, 6x C19, input: 16A 3 phase	1 pc.
	4124644	PDU121-1806D-EN	iPDU D series, 18x C13, 6x C19, input: 16A 1 phase	1 pc.
	4110632	PDUA-TH	Temperature/humidity sensor for iPDU	1 pc.

For more information please visit our homepage: ITinfra.datwyler.com

PDU	Article No.	Product	Sockets	Plug	Extra Functions	Connection cable	Colour	PU
	195081	PDU-Basis-Set, 19" 1U	9x SK	SK		2 m	black	1 pc.
	195144	PDU-Basis-Set, 19" 1U	6x SK	SK	Switch, overvoltage protection	2 m	black	1 pc.
	280020	PDU, 19" 1U, 8xSK-SK 2m S GR	8x SK	SK	Switch	2 m	light grey	1 pc.
	280021	PDU, 19" 1U, 9xSK-SK 2m GR	9x SK	SK		2 m	light grey	1 pc.
	280024	PDU, 19" 1U, 8xSK-SK 2m OV GR	8x SK	SK	Overvoltage protection	2 m	light grey	1 pc.
	280033	PDU, 19" 1U, 7xSK-SK 2m OV S BK	7x SK	SK	Switch, overvoltage protection	2 m	black	1 pc.
	280045	PDU, 19" 1U, 9xC13-SK 2m	9x C13	SK		2 m	light grey	1 pc.
	280047	PDU, 19" 1U, 9xC13-T12 3m	9x C13	T12		3 m	light grey	1 pc.
	280048	PDU, 19" 1U, 7xT23-T23 3m S	7x T23	T23	Switch	3 m	silver	1 pc.
	280049	PDU, 19" 1U, 5xT23-T23 3m OV RF	5x T23	T23	Overvoltage protection, mains & frequency filter	3 m	silver	1 pc.
	280053	PDU, 19" 1U, 8xT23-T23 3m	8x T23	T23		3 m	silver	1 pc.
	280054	PDU, 19" 1U, 8xT23-T23 3m AL	8x T23	T23		3 m	white	1 pc.
	280055	PDU, 19" 1U, 8xT23-T23 3m AL	8x T23	T23		3 m	orange	1 pc.
	280056	PDU, 19" 1U, 7xT23-T23 3m OV	7x T23	T23	Overvoltage protection	3 m	silver	1 pc.
	280059	PDU, 19" 1U, 8xUTE-SK 2m OV AL	8x UTE	SK	Overvoltage protection	2 m	light grey	1 pc.
	280062	PDU, 19" 1U, 9xUTE-SK 2m AL	9x UTE	SK		2 m	light grey	1 pc.
	280063	PDU, 19" 1U, 8xUTE-SK 2m S AL	8x UTE	SK	Switch	2 m	light grey	1 pc.

Rack Monitoring System	Article No.	Type	
	41847300ZY	DIMS 300	Monitoring system including software, with 8 ports for connecting sensors
	41847200ZY	DIMS 200	Monitoring system including software, with 4 ports for connecting sensors

DIMS Sensores	Article No.	Type
	41847900ZY	DIMS door status sensor
	41847700ZY	DIMS temperature sensor
	41847800ZY	DIMS humidity sensor
	41848500ZY	DIMS smoke detection sensor

DIMS system description: see pages 19 to 21

MICRO AND MINI DATA CENTRES

Cutting edge solutions for small and decentralised data centres

Our world is becoming increasingly digital, interlinked and intelligent. IoT, automation, 5G, robotics and artificial intelligence are opening up many new applications and business models.

To capitalise the opportunities which come with digitalisation, your organisation must rely on a smart and strategic IT infrastructure.

The amount of data produced will continue to grow exponentially. These data volumes have to be processed close to their source (Edge Computing) due to, among other factors, efficiency and latency times. A lot of mini and micro data centres are needed to do this.

Datwyler is a global player that helps organizations to stay at the forefront of progress, elevating their core business. While you focus on developing your business, we take care of your data centre infrastructure – with a comprehensive of customised product solutions and one-stop service solutions tailored to your needs.

DATWYLER MICRO DATA CENTRE

Datwyler Micro Data Centre is a compact, preassembled, plug-and-play, quick to deploy, fully monitored and managed, low maintenance onsite IT infrastructure solution. It is a standalone data centre that integrates the elements of cooling, power supply, monitoring and security into a single solution.
Unlike maintaining onsite data centres and server rooms which need extensive maintenance, planning, cost and space, the Datwyler Micro Data Centre is a compact solution that enables businesses to run applications on-premise or at the "Edge".
The infrastructure can be customised according to customer needs and requirements.

Equipment Rack
43U, with side cable management tray

Fire Suppression
Rack mounted (optional)

Power Distribution
prewired for rapid deployment, with overvoltage protection

Uninterruptible Power Supply (UPS)
Rack mounted, online double conversion for continuous power

Backup Batteries
Durable and scalable, provide autonomy during power failures and disruptions

Emergency Ventilation Fans
Extract hot air in case of cooling failure (optional)

Lighting & Visual Alarm
Automated, ensures best user alerts

Rack Monitoring System DIMS
Real-time status reporting

Smart Access Control
Key, card, keypad or biometric (optional)

Doors
Ensures effective noise reduction, optimal insulation and high cooling efficiency

Intelligent PDU
Equipped with intelligent power management

In-Rack Cooling System
Precise temperature control ensuring optimal environmental conditions

(product may differ from illustration)

Specifications	MDC 100	MDC 200	MDC 300
Height units	43 U	43 U	43 U
Available space	**42 U**	**39 U**	**33 U**
Dimensions (HxWxD)	2200 x 800 x 800 mm	2200 x 800 x 1200 mm	2200 x 800 x 1200 mm
Doors	Closed (glas front and metal back)	Perforated	Closed (glas front and metal back)
Access control	EK333	EK333	EK333
UPS Capacity	-	up to 3 kVA	up to 3 kVA
Back-up time	-	13 / 28 min @ 100% / 50% load	13 / 28 min @ 100% / 50% load
Cooling capacity	-	-	3.6 kW
User interface	Touch screen, web browser	Web browser	Touch screen, web browser
Monitoring	Temperature, humidity, door status	Temperature, humidity, door status	Temperature, humidity, smoke, door status, leakage, vibration
Alarm	Sound/light alarm, email notification	Sound/light alarm, email/SMS notification	Sound/light alarm, email/SMS notification
Options	Cabling and cable management	Cabling and cable management, scalable backup batteries	Cabling and cable management, ventilation fans, fire extinction system, scalable backup batteries

Versions

The Datwyler Micro Data Centre is a tailor-made and customised solution to fulfil the customers' specific needs and requirements

DATWYLER MINI DATA CENTRE

Datwyler´s modular Mini Data Centre is a state-of-the-art, pre-assembled plug-and-play IT infrastructure solution. It consists of a 43U rack with integrated power distribution, uninterruptible power supply (UPS), fire suppression system (optional), air gap sealing and environment monitoring system, as well as additional IT equipment racks and an in-row cooling system. It can be deployed within a few hours. It provides multiple ways to configure power and cooling redundancy to meet the current demand while being ready for future technology migration at low cost and with less disruption.

Datwyler´s modular Mini Data Centre is designed for applications such as edge computing, small data centre, building distributor (BD), floor distributor (FD) and "smart facilities" deploying IoT devices and running AI, AR, VR and automation.

Electrical Rack
43U, with side cable management tray

Emergency Ventilation Fans
Extract hot air in case of cooling failure

Lighting & Visual Alarm
Automated, ensures best visibility

Intelligent PDU
Equipped with intelligent power management

Closed doors
for high cooling efficiency and noise reduction

Fire Suppression
Rack mounted (optional)

(solution may differ from illustration)

Environment Monitoring System
Real-time status reporting

Smart Access Control
Card, keypad or biometric

Power Distribution
Pre-wired for rapid employment, with fault isolation, provides surge protection

Uninterruptible Power Supply (UPS)
Rack mounted, modular configuration, delivers continuous protection

Backup Batteries
Durable and scalable, provide autonomy during power failures and disruptions

Cabling Systems
(optional)

In-Row Cooling System
Primary and redundant modular cooling system (CW and DX), ensures optimum IT environment

Specifications

IT load	up to 72 kW
UPS capacity	up to 80 kVA
IT racks	up to 8 (static load 1300 kg / rack)
Backup time	up to 15 min
Sensible cooling capacity	up to 75.3 kW (CW or DX)
Dimensions (W x D x H)	800 x 1200 x 2200 mm
Mounting	Direct on floor or on raised floor
Cable entry	Top / bottom access
Emergency ventilation	Top of the rack and front door

Remote management	Cooling system, UPS, access control, iPDU, environment setpoint and alarm notification
Remote monitoring	Cooling system, UPS, access control, iPDU, environmental monitoring system
User interface	Remote web interface
Alarm	Sound/light alarm, email notification

Versions

The Datwyler Mini Data Centre is a tailor-made and customised solution to fulfil the customers' specific needs and requirements

Subject to technical modification.

DIMS - DATWYLER INFRASTRUCTURE MONITORING SYSTEM

The Datwyler Infrastructure Monitoring System (DIMS) provides a top level as well as a detailed overview of the status of IT infrastructure housed within a Micro and Mini Data Centre. The system is characterized by real time remote monitoring of environmental conditions, access and energy consumption of IT infrastructure devices and systems. In case of faults or emergencies the system is capable of alerting the user to take timely and necessary action to protect the mission critical IT systems.

System architecture

Real-time monitoring

Openness & flexibility

Alarm notification

Reports & graphs

DIMS features

. Multilingual Web GUI with integrated logic
. Autosensing ports for the automatic detection of sensors
. User access management
. Integrated interfaces: Ethernet, USB, CAN, analog & digital
. SNMP-compatible
. Provides notifications and alerts such as e-mail, SMS and SNMP traps
. Extensive range of sensors for environmental monitoring, security control and power monitoring
. USB interface for video camera
. SD card slot for optional SD card (max. 64 GB)
. SIM card slot for optional LTE modem
. Alarms for maintenance and critical events
. Graphical representation of environmental data

RACK MONITORING SYSTEM

DIMS 300	Article no.	Description	PU
	41847300ZY	DIMS 300 is a tried and tested monitoring system which can be used in all branches of industry for the continuous measurement, recording and reporting of performance-critical environmental factors in a rack. It combines the most advanced hardware and software. Robust metal housing in 19 inch format. Internal 230 volt power supply. 8 auto-sensing RJ12 ports for attaching sensors. Can be extended with additional sensor ports or digital inputs via CAN port. Alarm messages possible via bistable relays. Can be integrated into SNMP-compatible management software on request. **Further features:** - 1x CAN port for extensions or CAN sensors - 12x bistable relay ports (dry contact) - 2x 12V DC / 0.25A relays - 2x bistable relays with status LEDs, max. 250V AC / 10A - 1x 12V DC connection for backup battery - 1x 2.0 HS mini USB slot for USB video camera or USB memory stick - 1x internal temperature sensor for controlling excessive temperature - 100 MBit Ethernet port - External earthing point - LEDs: power, relays, alarm, CAN - Front restart button - Network protocols: DHCP, HTTP, HTTPS, SSL, SNMP, SNMP Get, SMTP, SSL, FTP, Syslog, Radius, TLS - Functions: timer, ping, trigger, alarm filter, virtual sensors via SNMP Get - Types of alarm: FTP, Syslog, SMTP, SNMP Trap - Multilingual Web interface	1 pc.

DIMS 200	Article no.	Description	PU
	41847200ZY	DIMS 200 is a tried and tested monitoring system which can be used in all branches of industry for the continuous measurement, recording and reporting of performance-critical environmental factors in a rack. It combines the most advanced hardware and software. Robust metal housing. 12 volt plug-in power supply. 4 auto-sensing RJ12 ports for attaching sensors. Can be extended with additional sensor ports or digital inputs via CAN port. Alarm messages possible via bistable relays. Can be integrated into SNMP-compatible management software on request. **Further features:** - 1x CAN port for extensions or CAN sensors - 4x bistable relay ports (dry contact) - 2x 12V DC / 0.25A relays - 1x 2.0 HS mini USB slot for optional USB video camera or USB memory stick - 1x internal temperature sensor for controlling excessive temperature - 100 MBit Ethernet port - External earthing point - LEDs: power, relays, alarm, CAN - Front restart button - Network protocols: DHCP, HTTP, HTTPS, SSL, SNMP, SNMP Get, SMTP, SSL, FTP, Syslog, Radius, TLS	1 pc.

SENSORS (SELECTION)

DIMS sensors	Article No.	Type	Description	PU
	41847900ZY	DIMS door sensor	Sensor for door monitoring in critical environments and racks. The connection is made via a free sensor port and is automatically recognized by the system. Connection: at sensor port — Cascadable: yes Auto-sense: yes — Extendable: up to 150 m Area of application: in-house — Operating temp.: -10 to + 80 °C at 5% to 95% RH (relative air humidity) Scope of delivery: 1x sensor, 1x connection cable (2 m), 2x 4.8 × 16 mm screw for fastening, 2x double-sided tape	1 pc.
	41847700ZY	DIMS temperature sensor	Sensor for temperature monitoring in critical environments and racks. The connection is made via a free sensor port and is automatically recognized by the system. Connection: at sensor port — Cascadable: no Auto-sense: yes — Extendable: up to 100 m Measurement accuracy: ± 0.5 °C — Operating temp.: -45 to + 105 °C at 5% to 95% RH Scope of delivery: 1x sensor, 1x 4-wire RJ11 cable (2 m), 1x 4.8 × 16 mm screw for fastening, 1x double-sided tape	1 pc.
	41847800ZY	DIMS air humidity sensor	Sensor for air humidity monitoring in critical environments and racks. The connection is made via a free sensor port and is automatically recognized by the system. Connection: at sensor port — Cascadable: no Auto-sense: yes — Extendable: up to 50 m Measurement accuracy: ± 5% — Measuring range: 10-95% RH Area of application: in-house — Operating temp.: -10 to + 80 °C at 5% to 95% RH Scope of delivery: 1x sensor, 1x 4-wire RJ11 cable (2 m), 1x 4.8 × 16 mm screw for fastening, 1x double-sided tape	1 pc.
	41848500ZY	DIMS smoke detector	Smoke detector/fire alarm for indoor installation to monitor critical environments and racks. All detectors can be connected in series. A network of up to 10 detectors can be set up. Connection: at sensor port — Cascadable: yes (up to 10) Auto-sense: yes — Extendable: up to 150 m (smoke detector chain) Area of application: in-house — Ambient temp.: 0 to + 70 °C at 5% to 95% RH Dimensions: Ø 100 mm x 45 mm — Status indication: LED (red) Scope of delivery: 1x smoke detector, 1x RJ11 connection cable, 1x mounting material	1 pc.
	41848600ZY	DIMS vibration sensor	Sensor for vibration monitoringin critical environments and racks. The connection is made via a free sensor port and is automatically recognized by the system. Connection: at sensor port — Cascadable: yes Auto-sense: yes — Extendable: up to 145 m (entire sensor chain) Area of application: in-house — Operating temp.: -10 to + 80 °C at 5% to 95% RH Scope of delivery: 1x sensor, 1x RJ11 connection cable (2 m), 1x mounting material	1 pc.
	41848000ZY	DIMS leakage sensor	Sensor for leakage monitoring in critical environments and racks. The connection is made via a free sensor port and is automatically recognized by the system. Connection: at sensor port — Cascadable: no Auto-sense: yes — Extendable: up to 100 m Area of application: in-house — Response time: 1 sec Reset time: 1 sec — Operating temp.: -10 to + 80 °C at 5% to 95% RH Scope of delivery: 1x sensor, 1x connection cable (2 m), 1x mounting material	1 pc.

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ANYWHERE IN THE WORLD:

WE REALIZE YOUR PROJECT

WE SPEAK
YOUR LANGUAGE
– ALSO FROM A
CULTURAL POINT OF VIEW

You will find us wherever IT infrastructures are involved.

Not only are we fluent speakers of all the major languages, but we're also well versed in the special cultural and application-specific features of each particular country. We are familiar with the rules and requirements and know what is important. This saves our international customers time and money. For they know that Datwyler's development, production and quality control, geared to the specific criteria of the domestic market, give them significant competitive advantages.

And they are sure to feel "at home" if they are then given advice and support in their native language into the bargain.

Headquarters and manufacturing plant

Manufacturing plant

Offices

Active market presence by Datwyler and their distribution partners

Are you searching for a distribution partner in one of our export markets? Please visit ITinfra.datwyler.com for details of our partners or contact our relevant branches.

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