

Datwyler System Circuit Integrity E30 – E60 / E90 cabling in accordance with DIN 4102-12



Datwyler type SAS single clamp

Art. No.	Type	Ømm	PU/pcs.
1300016	SAS 6 D	5-6	100
1300017	SAS 8 D	7-8	100
1300018	SAS 10 D	9-10	100
1300019	SAS 12 D	11-12	100
1300020	SAS 14 D	13-14	100
1300021	SAS 16 D	15-16	100
1300022	SAS 18 D	17-18	100
1300023	SAS 20 D	19-20	100
1300024	SAS 22 D	21-22	100
1300025	SAS 24 D	23-24	100
1300026	SAS 26 D	25-26	100
1300027	SAS 28 D	27-28	100
1300028	SAS 30 D	29-30	100
1300251	SAS 38 D	29-38	25
1300252	SAS 47 D	38-47	20
1300234	SAS 55 D	47-55	20
1300250	SAS 60 D	55-60	20

Datwyler type SAS single clamp, pre-assembled with fire protection plug

Art. No.	Type
1300956	SAS 8 D - K6x5 S
1300957	SAS 12 D - K6x5 S
1300958	SAS 14 D - K6x5 S
1300959	SAS 16 D - K6x5 S

Single clamp - type SAS accessories:

	Datwyler Plug set, 200 pcs., with SDS1 drill bit Art. No.: 1300953 Type: Plug set K6x5 S
	Accessorie: drill bit Art. No.: 1300962 Type: SDS1 drill bit
	Accessorie: setting tool Art. No.: 1300963 Type: SMu 6 SM setting tool

Mounting screws for red bricks and lime-sand bricks:

	Wall screw, 200 pcs., for exposed brickwork Art. No.: 1301218 Type: MMS KS 5/40 for SAS up to 12 mm
	Stair bolt, 100 pcs., for brickwork Art. No.: 3800097 Type: MMS+ St 6/55

Datwyler Keram installation cables E30 – E90

	Fire alarm cable, red JE-H(St)H...Bd FE180 E30-E90 JE-H(St)H...Bd FE180 E30 L
	Fire alarm cable, red with steel wire braiding JE-H(St)HRH...Bd FE180 E30-E90
	Wiring cable, orange JE-H(St)H...Bd FE180 E30-E90 JE-H(St)H...Bd FE180 E30 L

Identification sign 10 pcs.
Art. No.: 1300479
Type: Cabling system

Datwyler WUM support measure for vertical cable installation

Art. No.	Type
1301276	WUM 300 E30 100 x 370 x 135 mm
1301278	WUM 400 E30 100 x 470 x 135 mm
1301277	WUM 500 E30 100 x 570 x 135 mm
1301275	WUM 300 E90 200 x 470 x 185 mm
1301274	WUM 400 E90 200 x 570 x 185 mm
1301273	WUM 500 E90 200 x 670 x 185 mm

Datwyler Keram low-voltage cable, E30 – E60 / E90

	with protective earth conductor (gn/ye) (N)HXH FE180 E30-E60 / E90
	with concentric protective conductor (N)HXCH FE180 E30-E60 / E90
	with VdS certification for ≥ 16 mm² (N)HXCH FE180 E90 VdS

Distribution box for power current - type Hercules distribution box, E30-E90, 1 pc.

Art. No.	Type	Inner dimensions	
301382	AHD 263013 E90	260 x 300 x 130 mm	(empty, without base)
301375	HS 263013 E30-E90	260 x 300 x 130 mm	with top hat rail 35 x 7.5 mm 1-row
301376	HS 353013 E30-E90	350 x 300 x 130 mm	with top hat rail 35 x 7.5 mm 2-rows
301377	HS 523013 E30-E90	520 x 300 x 130 mm	with top hat rail 35 x 7.5 mm 3-rows
301378	HI 263013 E30-E90	260 x 300 x 130 mm	with QSA trough for 6 strips
301379	HI 353013 E30-E90	350 x 300 x 130 mm	with QSA trough for 11 strips
301380	HI 523013 E30-E90	520 x 300 x 130 mm	with QSA trough for 13 strips

Connection / terminal box, E30-E90, 1pc.

Art. No.	Type	Outer dimensions (mm)
301391	VAD 3 4x6 PE E30-E90	100 x 100 x 50
301392	VAD 3 3x6 PE plus E30-E90	100 x 100 x 50
301393	VAD 3 6x6 PE E30-E90	175 x 150 x 80
66030400ZY	AC 230V fuse holder 5 x 20 mm	40 x 20 x 20

Strap clamp, E30 – E90

Art. No.	Type	Ø mm	PU/pcs.
1300043	B12D	6-12	100
1300044	B14D	10-14	100
1300045	B16D	12-16	100
1300046	B18D	14-18	100
1300047	B22D	18-22	100
1300048	B26D	22-26	100
1300049	B30D	26-30	100
1300050	B34D	30-34	100
1300051	B38D	34-38	100
1300052	B42D	38-42	100
1300053	B46D	42-46	100
1300054	B50D	46-50	50
1300055	B54D	50-54	50
1300056	B58D	54-58	50
1300057	B64D	58-64	50
1300058	B70D	64-70	50
1300059	B76D	70-76	50
1300060	B82D	76-82	50
1300061	B90D	82-90	50
1300062	B100D	90-100	25
1300063	B110D	100-110	25

C-shaped rail
Art. No.: 1300064
Type: 2970/2 SLD
1 pc=2m

Datwyler multi cable support with plugs Hermann clamp

Art. No.	Type
3800206	Hermann clamp
3800200	Hermann clamp S

Datwyler E0 multi-cable support in accordance with MLAR 02/2015 3.5.3

Art. No.	Type	PU/pcs.
3800086	E0 multi-cable support	25
3800087	E0 S multi-cable support	50

Strap clamp / Hermann clamp accessories:

	Datwyler plug set, 200 pcs., with SDS1 drill bit 1300954 Type: KDM plug set
	Accessory: drill bit 1300962 Type: SDS1 drill bit
	Accessory: setting tool 1300860 Type: SWM-SM50 setting tool

Mounting screws for red bricks and lime-sand bricks:

	Panhead screw, 100 pcs., for masonry Art. No.: 1300461 Type: MMS+ MS 7,5/45 for Multi-cable support / C-shaped rail
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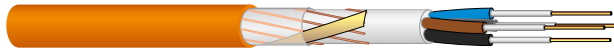
Datwyler System Circuit Integrity E30 – E60 / E90 cabling in accordance with DIN 4102-12 INSTALLATION / LAYING TECHNIQUES



General Appraisal Certificates are the basis for all installations!



Datwyler Keramik (N)HXH FE180 E30-E60 (all dimensions)



Datwyler Keramik (N)HXCH FE180 E30-E60 (all dimensions)

Datwyler fastener	horizontal vertical E30	comment
Datwyler single clamp type SAS or TSD or strap clamp B...D on c-shaped rail	1.2 m	Bundles without limits (number/weight) Horizontal installation also possible with plastic armoured conduits or aluminium tube
In-wall installation		Cable to be covered with ≥ 15 mm thick layer of mineral plaster, parallel installation of multiple cables

Datwyler fastener	horizontal E30	comment
Hermann clamp S small	80 cm	maximum 3 kg/m (e.g. up to 15 cables 3 x 1.5 mm ²)
Hermann clamp large	80 cm	maximum 6 kg/m (e.g. up to 30 cables 3 x 1.5 mm ²)
G-duct 50 x 75 mm	1.25 m	G-duct with G-post or with hooked rail, maximum 3 kg/m, up to 16 mm ²
G-duct ≤ 75 x 100 mm	1.25 m	G-duct with G-post or with hooked rail, maximum 7.5 kg/m
Steel-armoured conduit and single clamp SAS or strap clamp	1.2 m	up to M63, filling factor up to 60 %, length of cable which is not fixed between conduit ends: maximum 1.2 m
Protective cable duct 60 x 100 mm	50 cm	maximum 16 mm ² ; maximum load: 3,1 kg/m ceiling installation, 7 kg/m wall installation

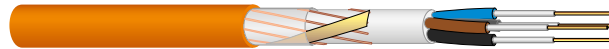


General Appraisal Certificate
P-MPA-E-03-043

Installation on E30 / E90 cable troughs / trays up to 30 kg/m, up to 400 mm wide and up to 1.5 m distance between supports - with or without threaded rod suspension.



Datwyler Keramik (N)HXH FE180 E90 (all dimensions)



Datwyler Keramik (N)HXCH FE180 E90 (all dimensions)

Datwyler fastener	horizontal vertical E90	comment
Datwyler single clamp type SAS or TSD	60 cm	Bundles without limits (number/weight) Horizontal installation also possible with plastic armoured conduits
Strap clamp B...D on c-shaped rail	80 cm	
In-wall installation		Cable to be covered with ≥ 15 mm thick layer of mineral plaster, parallel installation of multiple cables

Datwyler fastener	horizontal E90	comment
Hermann clamp S small	80 cm	maximum 3 kg/m (e.g. up to 15 cables 3 x 1.5 mm ²)
Hermann clamp large	80 cm	maximum 6 kg/m (e.g. up to 30 cables 3 x 1.5 mm ²)



General Appraisal Certificate
P-MPA-E-04-019

Installation on E30 / E90 cable troughs / trays up to 30 kg/m, up to 400 mm wide and up to 1.5 m distance between supports - with or without threaded rod suspension.



Datwyler Keramik JE-H(ST)H...Bd FE180 E30 L
Datwyler Keramik JE-H(ST)H...Bd FE180 E30-E90
Colour: red, with inscription for fire alarm cable



Datwyler Keramik JE-H(ST)H...Bd FE180 E30 L
Datwyler Keramik JE-H(ST)H...Bd FE180 E30-E90
Colour: orange



Datwyler Keramik JE-H(ST)HRH...Bd FE180 E30-E90
Colour: red, with inscription for fire alarm cable

Datwyler fastener	horizontal vertical	comment
Datwyler single clamp type SAS or TSD	E30 1.2 m	Bundles up to 2.5 kg/m
Strap clamp B...D on c-shaped rail	E30 1.2 m E90 80 cm	Horizontal also possible with plastic armoured conduits or aluminium tube
In-wall installation		Cable to be covered with ≥ 15 mm thick layer of mineral plaster, parallel installation of multiple cables

Datwyler fastener	horizontal	comment
Hermann clamp small and large	E30 80 cm E90 60 cm	maximum 3 kg/m
Steel-armoured conduit and single clamp SAS or strap clamp B...D	E30 1.2 m	\leq M63, filling factor \leq 60 % maximum 2.5 kg/m maximum 600 mm long when not fixed
G-duct with G-post or with hooked rail	E30 1.25 m	50 x 75 mm, maximum 3 kg/m 75 x 100 mm, maximum 7.5 kg/m
Protective cable duct 60 x 100 mm	E30 50 cm	maximum load: 3.1 kg/m ceiling installations, 7 kg/m wall installations
Protective cable duct 26 x 30 mm	E30 50 cm	maximum load: 0.3 kg/m wall and ceiling installations
Cable tray 60 x \leq 400 mm without threaded rod suspension	E30 1.5 m E90 1.5 m ¹⁾	maximum load: 30 kg/m wall and ceiling installations

¹⁾ only with Datwyler Keramik JE-H(ST)H...Bd FE180 E30-E90



General Appraisal Certificate
P-MPA-E-06-030

Installation on E30 / E90 cable troughs / trays up to 20 kg/m, up to 400 mm wide and up to 1.5 m distance between supports - with or without threaded rod suspension.