

Photovoltaic system

	Page
tehalit.lifea: DC trunking profiles 40mm to 60mm depth	3
orion plus DC reinforced polyester enclosure IP65	4
vector DC enclosure IP65	8
DC protection and surge protection	13
AC distributors and protection devices	14

**Partition wall**

Description	Pack qty.	Art No.
Divider H: 40 mm	50	M2024
partition LF H60	50	M2026
Poly. enc. Orion+ pl. d. 350x300x160 mm	1	FL204B
Poly. enc. Orion+ pl. d. 500x300x200 mm	1	FL209B
Poly. enc. Orion+ pl. d. 500x400x200 mm	1	FL213B
Poly. enc. Orion+ pl. d. 650x400x200 mm	1	FL216B
Poly. enc. Orion+ pl. d. 650x500x250 mm	1	FL221B
Poly. enc. Orion+ pl. d. 800x600x300 mm	1	FL229B

M2024

**Cable retainer**

Description	Pack qty.	Art No.
Cable retainer LF/LFP, width 60mm	10	M7239
Cable retainer LF/LFF/LFP, width 110mm	5	M5429

M7239

Wall-mounted enclosures

Description	Pack qty.	Art No.
Poly. enc. Orion+ pl. d. 350x300x160 mm	1	FL204B
Poly. enc. Orion+ pl. d. 500x300x200 mm	1	FL209B
Poly. enc. Orion+ pl. d. 500x400x200 mm	1	FL213B
Poly. enc. Orion+ pl. d. 650x400x200 mm	1	FL216B
Poly. enc. Orion+ pl. d. 650x500x250 mm	1	FL221B
Poly. enc. Orion+ pl. d. 800x600x300 mm	1	FL229B



FL204B

Depth adjustment slide for enclosures

Description	Pack qty.	Art No.
Sliding guides, Orion.Plus, L350 mm	5	FL672E



FL672E

Key lock for wall-mount enclosures

Description	Pack qty.	Art No.
Triangular lock + handle, Orion.Plus	10	FL96Z



FL96Z

Replacement lock

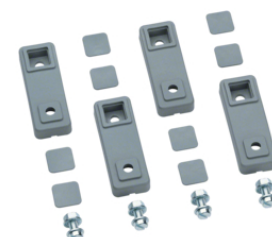
Description	Pack qty.	Art No.
Square key inserts, Orion.Plus, 8 mm	1	FL81Z
Pair triangle insert, Orion.Plus, 8 mm	1	FL94Z
Pair leave inserts, Orion.Plus, 3 mm	1	FL97Z



FL81Z

Plastic wall fixing brackets for polyester enclosures

Description	Pack qty.	Art No.
Wall ins. fixing brackets, Orion.Plus	1	FL863Z



FL863Z



Support for earth and neutral terminals with mounting adapter

Description	Pack qty.	Art No.
Clamp bracket, Orion.Plus, W300 mm	1	FL492A
Clamp bracket, Orion.Plus, W400 mm	5	FL493A
Clamp bracket, Orion.Plus, W500 mm	1	FL494A
Clamp bracket, Orion.Plus, W600 mm	1	FL495A
Clamp bracket, Orion.Plus, W800 mm	5	FL496A

FL492A



Equipment kits for modular devices, installation system S

Description	Pack qty.	Art No.
Functional frame, Orion.Plus, 350x300 mm	1	FL979A
Chassis MCB, Orion.Plus, 24M 350x300mm	1	FL980A
Chassis MCB, Orion.Plus, 3x12M 500x300mm	1	FL981A
Complete MCB kit Orion+ 4x18M 500x400mm	1	FL992A
Complete MCB kit Orion+ 4x18M 600x400mm	1	FL993A
Complete MCB kit Orion+ 4x24M 600x500mm	1	FL994A
Complete MCB kit Orion+ 5x24M 750x600mm	1	FL996A

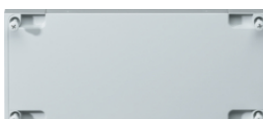
FL979A



Settable DIN rails

Description	Pack qty.	Art No.
Clamp DIN rail, Orion.Plus, W400 mm	1	FL500A
Clamp DIN rail, Orion.Plus, W500 mm	1	FL501A
Clamp DIN rail, Orion.Plus, W600 mm	1	FL502A
Clamp DIN rail, Orion.Plus, W800 mm	1	FL503A

FL500A



Blanking cover, insulated

Description	Pack qty.	Art No.
Front panel, Orion.Plus, 150x300 mm	1	FL711E
Front panel, Orion.Plus, 150x400 mm	1	FL712E
Front panel, Orion.Plus, 150x500 mm	1	FL713E
Front panel, Orion.Plus, 150x600 mm	1	FL714E
Front panel, Orion.Plus 150x800 mm	1	FL715E

FL711E



Enclosure plain mounting plates, steel

Description	Pack qty.	Art No.
Ste. mount. plate Orion.Plus 280x193 mm	1	FL402A
Ste. mount. plate Orion.Plus 330x243 mm	1	FL404A
Ste. mount. plate Orion.Plus 480x243 mm	1	FL407A
Ste. mount. plate Orion.Plus 480x343 mm	1	FL408A
Ste. mount. plate Orion.Plus 630x343 mm	1	FL412A
Ste. mount. plate Orion.Plus 630x443 mm	1	FL413A
Ste. mount. plate Orion.Plus 780x443 mm	1	FL415A

FL402A

Perforated mounting plates

Description	Pack qty.	Art No.
Ste. mount. plate Orion.Plus 280x193 mm	1	FL472A
Ste. mount. plate Orion.Plus 330x243 mm	1	FL473A
Ste. mount. plate Orion.Plus 480x243 mm	1	FL474A
Ste. mount. plate Orion.Plus 480x343 mm	1	FL475A
Ste. mount. plate Orion.Plus 630x343 mm	1	FL476A
Ste. mount. plate Orion.Plus 630x443 mm	1	FL477A
Ste. mount. plate Orion.Plus 780x543 mm	1	FL479A



FL472A

Mounting plate brackets

Description	Pack qty.	Art No.
Fixing bracket, moun. plate, Orion.Plus	10	FL450A



FL450A

Clip nuts and M5 screws

Description	Pack qty.	Art No.
Clips nut and screws, quadro, M5	25	UC969



UC969

Cable trunking

Description	Pack qty.	Art No.
Cable trunking 25x60mm 2xL2000mm	1	FL70Z
Cable trunking 40x60mm 2xL2000mm	1	FL71Z



BA760080

Cable guide, DIN rail attachment

Description	Pack qty.	Art No.
Transmission clamp, universN, 20 pcs.	1	UZ25V2
Transmission clamp, universN, 20 pcs.	1	UZ25V1



UZ25V2



Fixing bracket

Description	Pack qty.	Art No.
Adaptor, universN, double, 20pcs	1	UZ01V1

UZ01V1



Blanking strip

Description	Pack qty.	Art No.
Blanking strips, Quadro.Plus, 4 pieces	1	FL871Z

FL871Z

vector IP65 enclosures

Description	Pack qty.	Art No.
Encl., vector, 12M, PVDC equiped	1	VE112PVDC



VE112PVDC

surface mounted breaking enclosure, 3-9 modules, with metric wiring entry

Description	Pack qty.	Art No.
Encl., vector, flush m., IP65,3M	1	VE103PN
Encl., vector, surface m., IP65,6M	1	VE106PN
Encl., vector, flush m., IP65,10M	1	VE110PN



VE103PN

surface mounted breaking enclosure, 3-9 modules, without wiring entry

Description	Pack qty.	Art No.
Encl., vector, flush m., IP65,3M	1	VE103SN
Encl., vector, surf.m., IP65,6M	1	VE106SN
Encl., vector, flush m., IP65,10M	1	VE110SN



VE103SN

surface mounted breaking enclosure, 12-48 PLE, with metric wiring entry

Description	Pack qty.	Art No.
Encl., vector, surface m., IP65,1x12M	1	VE112PN
Encl., vector, surface m., IP65,2x12M	1	VE212PN
Encl., vector, surface m., IP65,36M	1	VE312PN
Encl., vector, surface m., IP65,48M	1	VE412PN



VE112PN

surface mounted breaking enclosure, 12-48 PLE, without wiring entry

Description	Pack qty.	Art No.
Encl., vector, surface m., IP65,12M	1	VE112SN
Encl., vector, surface m., IP65,2x12M	1	VE212SN
Encl., vector, surface m., IP65,36M	1	VE312SN
Encl., vector, surface m., IP65,48M	1	VE412SN



VE112SN



VE118PN

surface mounted breaking enclosure, 12-54 PLE, with metric wiring entry

Description	Pack qty.	Art No.
Encl., vector, surface m., IP65,1x18M	1	VE118PN
Encl., vector, surface m., IP65,36M	1	VE218PN
Encl., vector, surface m., IP65,54M	1	VE318PN



VE118SN

surface mounted breaking enclosure, 12-54 PLE, without wiring entry

Description	Pack qty.	Art No.
Encl., vector, surface m., IP65,1x18M	1	VE118SN
Encl., vector, surface m. IP65,36M	1	VE218SN
Encl., vector, surface m., IP65,54M	1	VE318SN



VZ016M

Capstops

Description	Pack qty.	Art No.
Cable gland, vector, IP65, M16	20	VZ016M
Cable gland, vector, IP65, M20	20	VZ020M
Cable gland, vector, IP65, M25	20	VZ025M
Cable gland, vector, IP65, M32	20	VZ032M
Cable gland, vector, IP65, M40	10	VZ040M



VZ020D

Aired cabstops

Description	Pack qty.	Art No.
Press. bala. screw joint, vector, IP66, M20	1	VZ020D
Press.bala.screw joint, vector, IP66, M25	1	VZ025D
Press.bala.screw joint, vector, IP66, M32	1	VZ032D



VZ013V

Covers for cabstops

Description	Pack qty.	Art No.
Plugs, universal, for M20/25	1	VZ013V
Encl., vector, sealing plug	1	VZ021V

Mounting plate

Description	Pack qty.	Art No.
Encl., vector, kit for fixation on masts	1	VZ040
Encl., vector, kit for fixation on masts	1	VZ041



VZ040

Wall fixing brackets

Description	Pack qty.	Art No.
Encl., vector, mounting lug	1	VZ011



VZ011

Carrier with PE-N terminals

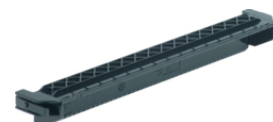
Description	Pack qty.	Art No.
Terminal support, Volta, QuickConnect, 1R	1	VZ461
Terminal support, Volta, QuickConnect, 2R	1	VZ462
Terminal support, Volta, QuickConnect, 3R	1	VZ463
Terminal support, Volta, QuickConnect, 4R	1	VZ464



VZ461

Terminals support, Volta, Vector

Description	Pack qty.	Art No.
Terminal base, volta, QC terminal	1	VZ711



VZ711



KN06E

quickconnect PE terminals

Description	Pack qty.	Art No.
Terminal, QC, PE, 6 connect.	1	KN06E
Terminal, QC, PE, 10 connect.	1	KN10E
Terminal, QC, PE, 14 connect.	1	KN14E
Terminal, QC, PE, 18 connect.	1	KN18E
Terminal, QC, PE, 22 connect.	1	KN22E
Terminal, QC, PE, 26 connect.	1	KN26E
Terminal, QC, N, 6 connect.	1	KN06N
Terminal, QC, N, 10 connect.	1	KN10N
Terminal, QC, N, 14 connect.	1	KN14N
Terminal, QC, N, 18 connect.	180	KN18N
Terminal, QC, N, 22 connect.	1	KN22N
Terminal, QC, N, 26 connect.	180	KN26N
Terminal, QC, L, 6 connect.	1	KN06P
Terminal, QC, L, 10 connect.	1	KN10P
Terminal, QC, L, 14 connect.	1	KN14P
Terminal, QC, L, 18 connect.	1	KN18P
Terminal, QC, L, 22 connect.	1	KN22P
Terminal, QC, L, 26 connect.	1	KN26P



KN99E

Equipotential brdgings for PE terminals

Description	Pack qty.	Art No.
Terminal, QC, PE, jumper	1	KN99E
Terminal, QC, N, jumper	1	KN99N
Terminal, QC, L, jumper	1	KN99P



KN04N

Incoming cage terminals

Description	Pack qty.	Art No.
Phase terminal, 4 connection points, 90A	1	KN04N
N terminal, 4 connection points, 90A	1	KN04P



VZ311

Keylock

Description	Pack qty.	Art No.
Key lock, vector, 2 keys	1	VZ311

Connectors for PV modules

Description	Pack qty.	Art No.
PV jack, vector, 1000V DC	1	VZ001P
Slider, vega, with flange	1	VZ002P



VZ001P

vector breaking enclosures for PV wiring

Description	Pack qty.	Art No.
PV built-in jack, vector, 1000V DC	1	VZ003P
PV built-in socket, vector, 1000V DV	1	VZ004P



VZ003P



L501PV

L38 photovoltaic fuse carriers 1000V DC

Description	Pack qty.	Art No.
Fuse carrier 1P 1000V DC L38 1M	12	L501PV
Fuse carrier 2P 1000V DC L38 2M	6	L502PV



SB216PV

DC switch disconnectors

Description	Pack qty.	Art No.
Switch DC 2P 600V 16A	1	SB216PV
Switch DC 4P 1000V 32A	1	SB432PV



SPV340

Double pole polarized SPD

Description	Pack qty.	Art No.
SPD T2 3P 40kA photovoltaic	1	SPV340



SPV025

Cartridge for SPV325

Description	Pack qty.	Art No.
Cartridge +/- for SPV325	1	SPV025
Cartridge earth for SPV325	1	SPV025E

vector AC breaking enclosure

Description	Pack qty.	Art No.
Encl., vector, 12M, PVAC equipped	1	VE112PVAC



VE112PVAC

4 pole RCCB, Type B, DC, 30mA

Description	Pack qty.	Art No.
RCCB 4P 63A 30mA B	1	CDB463F



CDB463F

Energy meter, calibrated, 1-phase

Description	Pack qty.	Art No.
1Ph Kwhmeter direct 63A MID approval	1	EC154M



EC154M

Phase terminals

Description	Pack qty.	Art No.
Feed-through terminal -phase, 2,5mm²	100	KXA02LH
Feed-through terminal-phase, 4mm²	100	KXA04LH
Feed-through terminal-phase, 6mm²	100	KXA06LH
Feed-through terminal -phase, 10mm²	50	KXA10L
Feed-through terminal -phase, 10mm²	50	KXA10LH
Feed-through terminal-phase, 16mm²	50	KXA16L
Feed-through terminal-phase, 16mm²	50	KXA16LH
Feed-through terminal-phase, 35mm²	20	KXA35L
Feed-through terminal-phase, 35mm²	20	KXB35LH
Feed-through terminal-phase, 70mm²	20	KXB70LH
Feed-through terminal-phase, 150mm²	10	KXB150LH



KXA02LH

Surge arrestors type 2

Description	Pack qty.	Art No.
New SPD 2P pluggable 65kA res.+cont	1	SPN265R
New SPD 4P pluggable 65kA res.+cont	1	SPN465R
SPD 1P pluggable 40kA ind.	1	SPN140C
New SPD 2P pluggable 40kA res.+cont	1	SPN240R
New SPD 4P pluggable 40kA res.+cont	1	SPN440R
New SPD 4P pluggable 15kA res.+cont	1	SPN415R
SPD 2P auto-protected 15kA ind.	1	SPN715D
SPD 4P T2 TNS/TT 65kA Remote contact	1	SPB465R
SPD 4P T2 TNS/TT 15kA	1	SPB415D
SPD 1P 40kA Typ2 IT	1	SPB113



SPN265R



SPN065R

Replacement cartridge phase

Description	Pack qty.	Art No.
Cartridge 65kA 275V with reserve	1	SPN065R
Cartridge 40kA 440V	1	SPN040C
Cartridge 40kA 275V with reserve	1	SPN040R
Cartridge 40kA 275V	1	SPN040D
Cartridge 15kA 275V with reserve	1	SPN015R
Cartridge 15kA 275V	1	SPN015D
Cartridge 40kA T2 IT 440V	1	SPB013
Cartridge L-N In 5kA I _{max} 15kA	1	SPB015D
Cartridge L-N In 20kA I _{max} 40kA	1	SPB040D
Cartridge L-N In 20kA I _{max} 65kA	1	SPB065R



SPN065N

Replacement cartridge neutral

Description	Pack qty.	Art No.
Cartridge neutral 65kA 255V with reserve	1	SPN065N
Cartridge neutral 40kA 255V	1	SPN040N
Cartridge N-PE In 20kA I _{max} 40kA	1	SPB040N
Cartridge N-PE In 20kA I _{max} 65kA	1	SPB065N