MULTIVERT® 160A/60mm
PRODUCT RANGE
Size 00, 690VAC, Triple Pole Switching
MULTIVERT ${ }^{\circledR} 160$ A size 0060 mm bus bar system $1 \times$ triple pole switching

1.000.909

| Catalog <br> number | Item <br> number | Cable termination <br> components | Design | Package | Weight |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 1.000 .909 | E1002183 | 3 M8 terminal screws/3 clamp straps 4-70 mm² | bottom terminal <br> with cover shroud MZ00KH | 1 piece | 1.45 kg |
| 1.002 .489 | Z1023154 | 3 frame clamps Cu 2,5-70 mm² | bottom terminal <br> with cover shroud MZ00KH | 1 piece | 1.3 kg |
| 1.003 .140 | A1023155 | 3 M8 terminal screws/3 clamp straps 4-70 $\mathrm{mm}^{2}$ | bottom terminal <br> MULTIVERT® 1.000 .909 <br> with cabling of <br> instrument leads | 1 piece | 1.5 kg |
| 1.003 .307 | C1023157 | 3 M8 terminal screws/3 clamp straps 4-70 $\mathrm{mm}^{2}$ | top terminal <br> with cover shroud MZ00KH | 1 piece | 1.5 kg |
| 1.003 .308 | D1023158 | 3 M8 terminal screws/3 clamp straps 4-70 $\mathrm{mm}^{2}$ | top terminal <br> MULTIVERT® 1.003 .307 <br> with cabling of <br> instrument leads | 1 piece | 1.5 kg |
| 1.003 .309 | E1023159 | 3 frame clamps Cu 2,5-70 $\mathrm{mm}^{2}$ | top terminal <br> with cover shroud MZ00KH | 1 piece | 1.3 kg |

ACCESSORIES


MZOOKH


MZAW

## Cover/shrouds for cable termination

| Catalog <br> number | Item number | Design | Package | Weight |
| :--- | :--- | :--- | :--- | :--- |
| MZ00KH | F1023298 | cover shroud length 106 mm <br> for MULTIVERT®/BSL 160 A | 1 piece | 20 g |
| MZ00KA | L1023464 | extended cover shroud for cover shroud MZ00KH | 1 piece | 40 g |
| 1.000 .915 | H1023300 | cover shroud for MULTIVERT®/BSL 160 A with V-terminal | 1 piece | 50 g |

## Covers/level \& system adjustment covers

| Catalog <br> number | Item number | Design | Package | Weight |
| :--- | :--- | :--- | :--- | :--- |
| MZ00AAD | X214081 | 2 piece adjustment, with integrated area for labeling to adapt to <br> MULTIVERT® for 185 mm bus bar system | 1 set | 0.1 kg |
| MZAW | D218687 | support angle for support of cover plate <br> 1 set $=4$ pieces | 1 set | 27 g |

MULTIVERT® 160A/60mm
ACCESSORIES
Size 00, 690VAC, Triple Pole Switching

1.002 .939

1.000 .852

Indication facilities

| Catalog <br> number | Item number | Design | Package | Weight |
| :--- | :--- | :--- | :--- | :--- |
| 1.002 .939 | Y1023452 | electronic fuse monitoring ESÜ size 00 for MULTIVERT®160 A <br> with cabling of instrument leads (rated voltage 525VAC) | 1 piece | 0.66 kg |
| MZ00ESM | D228761 | Electronic System Monitor ESM size 00 <br> for MULTIVERT®160 A with cabling of instrument leads | 1 piece | 0.35 kg |
| 1.000 .852 | Q1002285 | indicator for switch door position <br> micro switch, 1 change-over contact 5 A, 250 V | 1 piece | 90 g |

## Amperemeter units

| Catalog <br> number | Item number | Design | Package | Weight |
| :--- | :--- | :--- | :--- | :--- |
| 1.000 .106 | R1023285 | size 00, 100 A, with drag indicator, triple pole measurement <br> (optional L1, L2, L3) | 1 piece | 0.34 kg |
| 1.000 .107 | S1023286 | size 00, 150 A, with drag indicator, triple pole measurement <br> (optional L1, L2, L3) | 1 piece | 0.34 kg |
| 1.000 .100 | K1023279 | size 00, 100 A, with drag indicator, single pole measurement | 1 piece | 0.34 kg |
| 1.000 .101 | L1023280 | size 00, 150 A, with drag indicator, single pole measurement | 1 piece | 0.34 kg |

## Labelling facilities

| Catalog <br> number | Item number | Design | Package | Weight |
| :--- | :--- | :--- | :--- | :--- |
| MZOOBT2 | K215611 | label holder size 00 | 1 piece | 10 g |

## Varieties of cable termination



| Catalog number | Item number | Design | Package | Weight |
| :---: | :---: | :---: | :---: | :---: |
| 00SZS | M229298 | M8 terminal screw for switch gear size 00 1 set = 3 pieces | 1 set | 35 g |
| 00SZESK | E214594 | clamp strap Cu 4-70 mm² for switch gear size 00 1 set $=3$ pieces | 1 set | 35 g |
| 00SZA70 | R211523 | Al/Cu clamp 1,5-70 mm² for switch gear size 00 1 set = 3 pieces | 1 set | 75 g |
| 1.003.571 | V1033684 | Al/Cu clamp <br> $50-95 \mathrm{~mm}^{2}$ round stranded <br> for switch gear size 00 <br> 1 set $=3$ pieces | 1 set | 88 g |
| 1.003.433 | L1022958 | triple clamp per pole 1.5 up to $16 \mathrm{~mm}^{2}$ 1 set $=3$ pieces | 1 set | 0.14 kg |
| 00SZVK1 | D1023434 | V-terminal clamp size 00 , $10-70 \mathrm{~mm}^{2}$ round stranded, $10-95 \mathrm{~mm}^{2}$ round solid, $35-95 \mathrm{~mm}^{2}$ single stranded, $50-95 \mathrm{~mm}^{2}$ single solid, $M=12 \mathrm{Nm}$ | 30 | 0.4 kg |
| 1.000.098 | E1023435 | insulation cap for V-terminal clamp size 00 | 12/120 | 2 g |

MERSEN reserves the right to change, update or correct, without notice, any information contained in this datasheet.

MULTIVERT® 160A
Size 00, 690VAC, Triple Pole Switching

1.000.900 1.000.903


MULTIVERT ${ }^{\circledR} 160$ A size 00185 mm bus bar system $1 \times$ triple pole switching

| Catalog <br> number | Item <br> number | Cable termination <br> components | Design | Package | Weight |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 1.001 .339 | Y1023153 | 3 M8 terminal screws | including adjustment cover art.no. MZ00AAD and <br> adapter 1.001 .298 | 1 piece | 1.8 kg |

1.001.339

MULTIVERT® ${ }^{\circledR} 160$ A size 00100 mm bus bar system $1 \times$ triple pole switching

| Catalog number | Item number | Cable termination components | Design | Package | Weight |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1.000.900 | F1002184 | 3 M8 terminal screws | with cover shroud MZ00KH | 1 piece | 1.12 kg |
| 1.000.901 | X1023129 | 3 clamp straps Cu 4-70 mm² | with cover shroud MZ00KH | 1 piece | 1.12 kg |
| 1.000.902 | Z1023131 | $3 \mathrm{Al} / \mathrm{Cu}$ clamps 1,5-70 mm ${ }^{2}$ | with cover shroud MZ00KH | 1 piece | 1.12 kg |
| 1.000.903 | A1023132 | with V-terminal for V-terminal clamps size 00 | with cover shroud 1.000.915 | 1 piece | 1.12 kg |
| 1.000.904 | B1023133 | 3 frame clamps Cu 2,5-70 mm² | with cover shroud MZ00KH | 1 piece | 1.1 kg |
| 1.000.905 | G1002185 | 3 M8 terminal screws | MULTIVERT ${ }^{\oplus}$ 1.000.900 with cabling of instrument leads | 1 piece | 1.47 kg |
| 1.000.906 | C1023134 | 3 clamp straps Cu 4-70 mm² | MULTIVERT® 1.000 .901 with cabling of instrument leads | 1 piece | 1.47 kg |
| 1.000.907 | D1023135 | $3 \mathrm{Al} / \mathrm{Cu}$ clamps 1,5-70 mm ${ }^{2}$ | MULTIVERT® 1.000 .902 with cabling of instrument leads | 1 piece | 1.47 kg |
| 1.000.908 | E1023136 | with V-terminal for V-terminal clamps size 00 | MULTIVERT ${ }^{\text {® }} 1.000 .903$ with cabling of instrument leads | 1 piece | 1.47 kg |
| 1.002.437 | Y1023130 | 3 frame clamps Cu 2,5-70 mm² | MULTIVERT ${ }^{\circledR}$ 1.000.904 with cabling of instrument leads | 1 piece | 1.18 kg |



## Cover/shrouds for cable termination

| Catalog <br> number | Item number | Design | Package | Weight |
| :--- | :--- | :--- | :--- | :--- |
| MZ00KH | F1023298 | cover shroud length 106 mm <br> for MULTIVERT®/BSL 160 A | 1 piece | 20 g |
| MZ00KA | L1023464 | extended cover shroud for cover shroud MZ00KH | 1 piece | 40 g |
| 1.000 .915 | H1023300 | cover shroud for MULTIVERT® $/$ BSL 160 A with V-terminal | 1 piece | 50 g |

[^0]MULTIVERT® 160A
Size 00, 690VAC, Triple Pole Switching
Covers/level \& system adjustment covers

| Catalog <br> number | Item number | Design | Package | Weight |
| :--- | :--- | :--- | :--- | :--- |
| MZ00AAD | X214081 | 2 piece adjustment, with integrated area for labeling to adapt to <br> MULTIVERT® for 185 mm bus bar system | 1 set | 0.1 kg |
| MZAW | D218687 | support angle for support of cover plate <br> 1 set $=4$ pieces | 1 set | 27 g |


Covers/spare way covers

| Catalog <br> number | Item number | Design | Application | Package | Weight |
| :--- | :--- | :--- | :--- | :--- | :--- |
| MZ00LPAP | B1023409 | spare way cover without level adjustment <br> width 50 mm, length 320 mm <br> for single adapter MZ00ESA and double <br> adapter MZ00DSA <br> including fixing material | bus bar <br> system <br> 100 mm | 1 piece | 50 g |
| MZ01LPAP | C1023410 | spare way cover without level adjustment <br> width 50 mm, length 500 mm <br> including fixing material | bus bar <br> system <br> 185 mm | 1 piece | 60 g |
| 1.002 .493 | N1002283 | spare way cover <br> width 50 mm, length 630 mm <br> for covering of open installation spaces in <br> distribution units with central cover | bus bar <br> system <br> 185 mm | 1 piece | 0.14 kg |
| 1.002 .830 | E1023412 | spare way cover <br> width 50 mm, length 630 mm <br> with level adjustment 123 mm <br> for bus bar installation, <br> set = cover + fixing set <br> (2 distance pieces, 2 screw rivets) | bus bar <br> system <br> 185 mm | 1 set | 0.20 kg |
|  |  |  |  |  |  |


1.002 .830


Installation devices/bus bar installation

| Catalog <br> number | Item number | Design | Package | Weight |
| :--- | :--- | :--- | :--- | :--- |
| 00SZRK3 | K215105 | hooked clamp size 00, M = 5 Nm <br> 1 set $=3$ pieces | 1 set | 0.10 kg |
| 1.002 .646 | W1023450 | M10 insert nut, size 00 <br> 1 set $=30$ pieces | 1 set | 0.12 kg |

MULTIVERT® 160A
Size 00, 690VAC, Triple Pole Switching


MZOODSA MZOOESA MZOOESAECO

Adapter für installation on to bus bars with clamp terminal

| Catalog <br> number | Item number | Design | Application | Package | Weight |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 1.001 .289 | C1023295 | single adapter $100 / 185 \mathrm{~mm}$ <br> with increased touch protection <br> to obtain uniform profile inheight <br> for combined installation with <br> MULTIVERT $250 \mathrm{~A}, 400 \mathrm{~A}, 630 \mathrm{~A}$ | MULTIVERT® <br> $160 \mathrm{~A} / 100 \mathrm{~mm}$ <br> $1 \times 3$-pole | 1 piece | 0.56 kg |
| 1.001 .298 | Y1023291 | double adapter 100/185 mm <br> with increased touch protection <br> to obtain uniform profile in height <br> for combined installation with <br> MULTIVERT $250 \mathrm{~A}, 400 \mathrm{~A}, 630 \mathrm{~A}$ | MULTIVERT® <br> $160 \mathrm{~A} / 100 \mathrm{~mm}$ <br> $1 \times 3-$ pole | 1 piece | 0.8 kg |

Adapter für installation on to bus bars with screw terminal

| Catalog <br> number | Item number | Design | Application | Package | Weight |
| :--- | :--- | :--- | :--- | :--- | :--- |
| MZ00DSA | C217145 | double adapter $100 / 185 \mathrm{~mm}$ <br> with increased touch protection <br> to obtain uniform profile in height <br> for combined installation with <br> MULTIVERT®/BSL $250 \mathrm{~A}, 400 \mathrm{~A}, 630 \mathrm{~A}$ | MULTIVERT® <br> $160 \mathrm{~A} / 100 \mathrm{~mm}$ <br> $1 \times 3$-pole | 1 piece | 0.71 kg |
| MZ00ESA | Q216628 | single adapter $100 / 185 \mathrm{~mm}$ <br> with increased touch protection <br> to obtain uniform profile in height <br> for combined installation with <br> MULTIVERT®/BSL $250 \mathrm{~A}, 400 \mathrm{~A}, 630 \mathrm{~A}$ | MULTIVERT® <br> $160 \mathrm{~A} / 100 \mathrm{~mm}$ <br> $1 \times 3-$ pole | 1 piece | 0.51 kg |
| MZ00ESAECO | D1023296 | Single adapter $100 / 185 \mathrm{~mm}$ <br> to obtain uniform profile in height <br> for combined installation with <br> MULTIVERT®/BSL $250 \mathrm{~A}, 400 \mathrm{~A}, 630 \mathrm{~A}$ | MULTIVERT® <br> $160 \mathrm{~A} / 100 \mathrm{~mm}$ <br> $1 \times 3-$ pole | 1 piece | 0.19 kg |

## Indication facilities

| Catalog <br> number | Item number | Design | Package | Weight |
| :--- | :--- | :--- | :--- | :--- |
| 1.002 .939 | Y1023452 | electronic fuse monitoring ESÜ size 00 for MULTIVERT®160 A <br> with cabling of instrument leads (rated voltage 525VAC) | 1 piece | 0.66 kg |
| MZ00ESM | D228761 | Electronic System Monitor ESM size 00 <br> for MULTIVERT®160 A with cabling of instrument leads | 1 piece | 0.35 kg |
| 1.000 .852 | Q1002285 | indicator for switch door position <br> micro switch, 1 change-over contact 5 A, 250 V | 1 piece | 90 g |

1.000 .852

MULTIVERT® 160A
Size 00, 690VAC, Triple Pole Switching


## Amperemeter units

| Catalog <br> number | Item number | Design | Package | Weight |
| :--- | :--- | :--- | :--- | :--- |
| 1.000 .106 | R1023285 | size 00, 100 A, with drag indicator, triple pole measurement <br> (optional L1, L2, L3) | 1 piece | 0.34 kg |
| 1.000 .107 | S1023286 | size 00, 150 A, with drag indicator, triple pole measurement <br> (optional L1, L2, L3) | 1 piece | 0.34 kg |
| 1.000 .100 | K1023279 | size 00, 100 A, with drag indicator, single pole measurement | 1 piece | 0.34 kg |
| 1.000 .101 | L1023280 | size 00, 150 A, with drag indicator, single pole measurement | 1 piece | 0.34 kg |



Current transformers in combination with adaper

| Catalog number | Item number | Design | Package | Weight |
| :---: | :---: | :---: | :---: | :---: |
| 1.000.121 | F1024609 | current transformer for adapter for single pole measurement up to 100/5A, class 1 set $=1$ piece current transformer +3 pieces distance tubes art. no. 1.000.125 for level adjustment, 1 piece installed, 2 pieces additionally packed | 1 set | 0.51 kg |
| 1.000.123 | H1024611 | current transformer for adapter for single pole measurement up to 150/5A, class 1 set $=1$ piece current transformer +3 pieces distance tubes art. no. 1.000.125 for level adjustment, 1 piece installed, 2 pieces additionally packed | 1 set | 0.52 kg |
| 1.000.122 | G1024610 | current transformer for adapter for triple pole measurement up to 100/5A, class 1 set $=3$ pieces current transformer with distance tubes art.no. 1.000.125 for level adjustment 3 pieces installed | 1 set | 0.78 kg |
| 1.000.124 | J1024612 | current transformer for adapter for triple pole measurement up to 150/5A, class 1 set $=3$ pieces current transformer with distance tubes art.no. 1.000.125 for level adjustment 3 pieces installed | 1 set | 0.81 kg |
| 1.000.125 | V1024599 | distance tube for adapter for level adjustment <br> supplementary set for neighbouring MULTIVERT® ${ }^{\oplus}$ without measurement <br> to obtain uniform profile in height <br> 1 set $=3$ pieces | 1 set | 0.37 kg |
| 1.000.117 | R1023446 | single adapter 100/185 mm for circuit transformer | 1 piece | 0.34 kg |
| 1.000.119 | A1023293 | double adapter 100/185 mm for circuit transformer | 1 piece | 0.58 kg |
| 1.000.120 | B1023294 | double adapter 185/185 mm for circuit transformer | 1 piece | 0.56 kg |

MULTIVERT® 160A
Size 00, 690VAC, Triple Pole Switching


MZ003SW100


SZ1SW150


MZ00PR150

## Current transformers/external current transformers

| Catalog number | Item number | Design | Package | Weight |
| :---: | :---: | :---: | :---: | :---: |
| MZ001SW100 | C1024606 | current transformer up to 100 A for single pole measurement between bus bar and MULTIVERT ${ }^{\oplus}$ <br> set $=1$ piece current transformer +3 pieces distance tubes for level adjustment, 1 piece installed in the current transformer, 2 pieces additionally packed | 1 set | 0.55 kg |
| MZ001SW150 | E1024608 | current transformer up to 150 A for single pole measurement between bus bar and MULTIVERT ${ }^{\circledR}$ <br> set $=1$ piece current transformer +3 pieces distance tubes for level adjustment, 1 piece installed in the current transformer, <br> 2 pieces additionally packed | 1 set | 0.55 kg |
| MZ003SW100 | B1024605 | current transformer up to 100/5A for triple pole measurement between bus bar and MULTIVERT ${ }^{\text {® }}$, class 1 set $=3$ pieces current transformer with distance tubes for level adjustment, 3 pieces installed in the current transformer | 1 set | 1.84 kg |
| MZ003SW150 | D1024607 | current transformer up to 150/5A for triple pole measurement between bus bar and MULTIVERT ${ }^{\circledR}$, class 1 set = 3 pieces current transformer with distance tubes for level adjustment, 3 pieces installed in the current transformer | 1 set | 1.85 kg |
| SZ1SW100 | H1024565 | current transformer up to 100/5A for single pole measurement between bus bars, class 1 (incoming and outgoing bar) | 1 piece | 0.32 kg |
| SZ1SW150 | J1024566 | current transformer up to 150/5A for single pole measurement between bus bars, class 1 (incoming and outgoing bar) | 1 piece | 0.33 kg |
| MZ00PR150 | R1024596 | distance tube for level adjustment, up to 150/5A, supplementary set for neighbouring MULTIVERT® ${ }^{\oplus}$ without measurement to obtain uniform profile in height 1 set $=3$ pieces | 1 set | 0.4 kg |



MZ00BT2

Labelling facilities

| Catalog <br> number | Item number | Design | Package | Weight |
| :--- | :--- | :--- | :--- | :--- |
| MZOOBT2 | K215611 | label holder size 00 | 1 piece | 10 g |

MULTIVERT® 160A
ACCESSORIES
Size 00, 690VAC, Triple Pole Switching

|  |  | Varieties of cable termination |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Catalog number | Item number | Design | Package | Weight |
|  |  | 00SZS | M229298 | M8 terminal screw for switch gear size 00 1 set = 3 pieces | 1 set | 35 g |
| 00Szs | 00SZESK | 00SZESK | E214594 | clamp strap Cu 4-70 mm² for switch gear size 00 1 set = 3 pieces | 1 set | 35 g |
|  | 00SZVK1 | 00SZA70 | R211523 | Al/Cu clamp 1,5-70 mm² for switch gear size 00 1 set $=3$ pieces | 1 set | 75 g |
|  |  | 1.003.571 | V1033684 | Al/Cu clamp <br> $50-95 \mathrm{~mm}^{2}$ round stranded <br> for switch gear size 00 <br> 1 set $=3$ pieces | 1 set | 88 g |
|  |  | 1.003.433 | L1022958 | triple clamp per pole 1.5 up to $16 \mathrm{~mm}^{2}$ 1 set = 3 pieces | 1 set | 140 g |
|  |  | 00SZVK1 | D1023434 | V-terminal clamp size 00, <br> $10-70 \mathrm{~mm}^{2}$ round stranded, $10-95 \mathrm{~mm}^{2}$ round solid, $35-95 \mathrm{~mm}^{2}$ single stranded, $50-95 \mathrm{~mm}^{2}$ single solid, $\mathrm{M}=12 \mathrm{Nm}$ | 30 | 400 g |
|  |  | 1.000.098 | E1023435 | insulation cap for V-terminal clamp size 00 | 12/120 | 2 g |

1.000.098

MULTIVERT® 160A/185mm
PRODUCT RANGE
Size 00, 690VAC, single pole switching
MULTIVERT ${ }^{\circledR} 160$ A size $00185 \mathrm{~mm} 3 \times$ single pole switching


| Catalog number | Item number | Cable termination components | Design | Package | Weight |
| :---: | :---: | :---: | :---: | :---: | :---: |
| M01N0G | Y228756 | 3 M8 terminal screws | with cover shroud MZ00KH | 1 piece | 1.9 kg |
| M01S0G | X1023152 | 3 clamp straps Cu 4-70 mm² | with cover shroud MZ00KH | 1 piece | 1.9 kg |
| M01A0G | Q1023146 | $3 \mathrm{Al} / \mathrm{Cu}$ clamps 1,5-70 mm² | with cover shroud MZ00KH | 1 piece | 1.9 kg |
| 1.000.910 | G1023138 | with V-terminal for V-terminal clamps size 00 | with cover shroud 1.000.915 | 1 piece | 1.9 kg |
| 1.001.725 | M1023143 | V-terminal with 3 V -terminal clamps size 00 | with cover shroud 1.000.915 | 1 piece | 1.1 kg |
| M01N0E11G | R1023147 | 3 M8 terminal screws | MULTIVERT® ${ }^{\text {M }} 01$ NOG with cabling of instrument leads | 1 piece | 2.25 kg |
| M01S0E11G | W1023151 | 3 clamp straps Cu 4-70 mm² | MULTIVERT® ${ }^{\text {M }} 01$ S0G with cabling of instrument leads | 1 piece | 2.25 kg |
| M01A0E11G | P1023145 | $3 \mathrm{Al} / \mathrm{Cu}$ clamps 1,5-70 mm² | MULTIVERT®M01A0G with cabling of instrument leads | 1 piece | 2.25 kg |
| 1.000.911 | L1023142 | with V-terminal for V-terminal clamps size 00 | MULTIVERT ${ }^{\text {® }} 1.000 .910$ with cabling of instrument leads | 1 piece | 2.25 kg |

M01NOG 1.001.725

1.002 .939

MULTIVERT® 160A/185mm
Size 00, 690VAC, single pole switching


MZOOKAD


MZ01AS


MZ01LPAP


MZAW


Covers/spare way covers

| Catalog <br> number | Item number | Design | Application | Package | Weight |
| :--- | :--- | :--- | :--- | :--- | :--- |
| MZ01LPAP | C1023410 | spare way cover without level adjustment <br> width 50 mm , length 500 mm <br> including fixing material | bus bar <br> system <br> 185 mm | 1 piece | 60 g |
| 1.002 .493 | N1002283 | spare way cover <br> width 50 mm , length 630 mm <br> for covering of open installation spaces in <br> distribution units with central cover | bus bar <br> system <br> 185 mm | 1 piece | 140 g |
| 1.002 .830 | E1023412 | spare way cover <br> width 50 mm, length 630 mm <br> with level adjustment 123 mm <br> for bus bar installation, <br> set = cover + fixing set <br> (2 distance pieces, 2 screw rivets) | bus bar <br> system <br> 185 mm | 1 set | 200 g |

Installation devices/bus bar installation

| Catalog <br> number | Item number | Design | Package | Weight |
| :--- | :--- | :--- | :--- | :--- |
| 00SZRK3 | K215105 | hooked clamp size 00, M = 5 Nm <br> 1 set = 3 pieces | 1 set | 100 g |
| 1.002 .646 | W1023450 | M10 insert nut, size 00 <br> 1 set $=30$ pieces | 1 set | 120 g |

MULTIVERT® 160A/185mm
ACCESSORIES
Size 00, 690VAC, single pole switching

1.001 .300


MZ01DSA MZ01ESA


Indication facilities

| Catalog <br> number | Item number | Design | Package | Weight |
| :--- | :--- | :--- | :--- | :--- |
| 1.002 .939 | Y1023452 | electronic fuse monitoring ESÜ size 00 for MULTIVERT® 160 A <br> with cabling of instrument leads (rated voltage 525VAC) | 1 piece | 0.66 kg |
| MZO0ESM | D228761 | Electronic System Monitor ESM size 00 <br> for MULTIVERT® 160 A with cabling of instrument leads | 1 piece | 0.35 kg |
| MZHD | M1023442 | indicator for switch door position <br> 1 "a" contact/ 1 "b" contact, $5 \mathrm{~A}, 250 \mathrm{~V}$ <br> for MULTIVERT®160 A/bus bar system 185 mm <br> $3 \times$ single pole switching | 1 piece | 0.01 kg |

MULTIVERT® 160A/185mm
Size 00, 690VAC, single pole switching


## Amperemeter units

| Catalog <br> number | Item number | Design | Package | Weight |
| :--- | :--- | :--- | :--- | :--- |
| 1.000 .106 | R1023285 | size 00, 100 A, with drag indicator, triple pole measurement <br> (optional L1, L2, L3) | 1 piece | 0.34 kg |
| 1.000 .107 | S1023286 | size 00, 150 A, with drag indicator, triple pole measurement <br> (optional L1, L2, L3) | 1 piece | 0.34 kg |
| 1.000 .100 | K1023279 | size 00, 100 A, with drag indicator, single pole measurement | 1 piece | 0.34 kg |
| 1.000 .101 | L1023280 | size 00, 150 A, with drag indicator, single pole measurement | 1 piece | 0.34 kg |

Current transformers in combination with adaper

| Catalog number | Item number | Design | Package | Weight |
| :---: | :---: | :---: | :---: | :---: |
| 1.000.121 | F1024609 | current transformer for adapter for single pole measurement up to $100 / 5 \mathrm{~A}$, class 1 set $=1$ piece current transformer +3 pieces distance tubes art. no. 1.000.125 for level adjustment, 1 piece installed, 2 pieces additionally packed | 1 set | 0.51 kg |
| 1.000.123 | H1024611 | current transformer for adapter for single pole measurement up to 150/5A, class 1 set $=1$ piece current transformer +3 pieces distance tubes art. no. 1.000.125 for level adjustment, 1 piece installed, 2 pieces additionally packed | 1 set | 0.52 kg |
| 1.000.122 | G1024610 | current transformer for adapter for triple pole measurement up to 100/5A, class 1 set $=3$ pieces current transformer with distance tubes art.no. 1.000.125 for level adjustment 3 pieces installed | 1 set | 0.78 kg |
| 1.000.124 | J1024612 | current transformer for adapter for triple pole measurement up to 150/5A, class 1 set $=3$ pieces current transformer with distance tubes art.no. 1.000.125 for level adjustment 3 pieces installed | 1 set | 0.81 kg |
| 1.000.125 | V1024599 | distance tube for adapter for level adjustment supplementary set for neighbouring MULTIVERT ${ }^{\oplus}$ without measurement <br> to obtain uniform profile in height <br> 1 set $=3$ pieces | 1 set | 0.37 kg |
| 1.000.117 | R1023446 | single adapter 100/185 mm for circuit transformer | 1 piece | 0.34 kg |
| 1.000.119 | A1023293 | double adapter 100/185 mm for circuit transformer | 1 piece | 0.58 kg |
| 1.000.120 | B1023294 | double adapter 185/185 mm for circuit transformer | 1 piece | 0.56 kg |

Size 00, 690VAC, single pole switching


MZ003SW100


SZ1SW150


MZ00PR150

## Current transformers/external current transformers

| Catalog number | Item number | Design | Package | Weight |
| :---: | :---: | :---: | :---: | :---: |
| MZ001SW100 | C1024606 | current transformer up to 100 A for single pole measurement between bus bar and MULTIVERT® <br> set $=1$ piece current transformer +3 pieces distance tubes for level adjustment, 1 piece installed in the current transformer, 2 pieces additionally packed | 1 set | 0.55 kg |
| MZ001SW150 | E1024608 | current transformer up to 150 A for single pole measurement between bus bar and MULTIVERT® <br> set $=1$ piece current transformer +3 pieces distance tubes for level adjustment, 1 piece installed in the current transformer, <br> 2 pieces additionally packed | 1 set | 0.55 kg |
| MZ003SW100 | B1024605 | current transformer up to 100/5A for triple pole measurement between bus bar and MULTIVERT® ${ }^{\circledR}$, class 1 set $=3$ pieces current transformer with distance tubes for level adjustment, 3 pieces installed in the current transformer | 1 set | 1.84 kg |
| MZ003SW150 | D1024607 | current transformer up to 150/5A for triple pole measurement between bus bar and MULTIVERT ${ }^{\circledR}$, class 1 set $=3$ pieces current transformer with distance tubes for level adjustment, 3 pieces installed in the current transformer | 1 set | 1.85 kg |
| SZ1SW100 | H1024565 | current transformer up to 100/5A for single pole measurement between bus bars, class 1 (incoming and outgoing bar) | 1 piece | 0.32 kg |
| SZ1SW150 | J1024566 | current transformer up to 150/5A for single pole measurement between bus bars, class 1 (incoming and outgoing bar) | 1 piece | 0.33 kg |
| MZ00PR150 | R1024596 | distance tube for level adjustment, up to 150/5A, supplementary set for neighbouring MULTIVERT® ${ }^{\text {without }}$ measurement to obtain uniform profile in height 1 set $=3$ pieces | 1 set | 0.4 kg |



MZOOBT2

Labelling facilities

| Catalog <br> number | Item number | Design | Package | Weight |
| :--- | :--- | :--- | :--- | :--- |
| MZOOBT2 | K215611 | label holder size 00 | 1 piece | 10 g |

Size 00, 690VAC, single pole switching


Varieties of cable termination

| Catalog number | Item number | Design | Package | Weight |
| :---: | :---: | :---: | :---: | :---: |
| 00SZS | M229298 | M8 terminal screw for switch gear size 00 1 set = 3 pieces | 1 set | 35 g |
| 00SZESK | E214594 | clamp strap Cu 4-70 mm ${ }^{2}$ for switch gear size 00 1 set $=3$ pieces | 1 set | 35 g |
| 00SZA70 | R211523 | Al/Cu clamp 1,5-70 mm² for switch gear size 00 1 set $=3$ pieces | 1 set | 75 g |
| 1.003.571 | V1033684 | Al/Cu clamp <br> $50-95 \mathrm{~mm}^{2}$ round stranded for switch gear size 00 1 set = 3 pieces | 1 set | 88 g |
| 1.003 .433 | L1022958 | triple clamp per pole 1.5 up to $16 \mathrm{~mm}^{2}$ 1 set = 3 pieces | 1 set | 140 g |
| 00SZVK1 | D1023434 | V-terminal clamp size 00, $10-70 \mathrm{~mm}^{2}$ round stranded, $10-95 \mathrm{~mm}^{2}$ round solid, 35-95 mm ${ }^{2}$ single stranded, $50-95 \mathrm{~mm}^{2}$ single solid, $\mathrm{M}=12 \mathrm{Nm}$ | 30 | 400 g |
| 1.000.098 | E1023435 | insulation cap for V-terminal clamp size 00 | 12/120 | 2 g |

MULTIVERT® 250 A size 185 mm $3 \times$ single pole switching


| Catalog <br> number | Item <br> number | Cable termination <br> components | Design | Package | Weight |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 1.100 .000 | H1002186 | 3 M10 bolts | - | 1 piece | 4.52 kg |
| 1.110 .000 | J1023163 | 3 M10 insert nuts | - | 1 piece | 4.46 kg |
| 1.120 .000 | K1023164 | V-terminal for V-ter- <br> minal clamps size <br> $1,2,3$ | - | 1 piece | 4.38 kg |
| 1.120 .900 | Q1023169 | V-terminal, <br> 2 terminals per phase <br> for V-terminal clamps <br> size 1,2,3 | - | - piece | 5.5 kg |
| 1.100 .083 | N1023167 | 3 M10 bolts | MULTIVERT® 1.100 .000 with integrated C.T. 250/5A, 3,75 <br> VA, class 1 <br> for single pole measurement (ready fitted in pole 1) | 1 piece | 4.6 kg |
| 1.100 .062 | L1023165 | 3 M10 bolts | MULTIVERT ${ }^{\oplus} 1.100 .000$ with integrated C.T. 250/5A, 3,75 <br> VA, class 0,5; calibrated, <br> for single pole measurement (ready fitted in pole 1) | 1 piece | 4.6 kg |
| 1.100 .093 | P1023168 | 3 M10 bolts | MULTIVERT®1.100.000 with integrated C.T. 250/5A, 3,50 <br> VA, class 1 for triple pole measurement | 1 piece | 5.3 kg |
| 1.100 .072 | M1023166 | 3 M10 bolts | MULTIVERT®1.100.000 with integrated C.T. 250/5A, 3,50 <br> VA, class 0,5; calibrated, for triple pole measurement | 1 piece | 4.6 kg |


[^0]:    MERSEN reserves the right to change, update or correct, without notice, any information contained in this datasheet.

