

Event Socket Distributors

THIS POWER DESERVES A BIG ROUND OF APPLAUSE!

For connected loads from 22 kVA to 277 kVA.



PRODUCT ADVANTAGES

- extremely robust
- very lightweight and easy to handle
- weather- and age-resistant
- housing protection for sockets and installation devices
- "MS" version also available in black

MERZ EVENT SOCKET DISTRIBUTORS

Mobile power distributors for events, trade fairs, sporting events, film and television. The main features of these distributors are robustness, mobility and operational safety. As a manufacturer with decades of experience in the production of mobile distributors, MERZ offers the ideal solution for each application.

MECHANICAL

- Very lightweight and easy to handle.
- Extremely robust polyethylene housings.
- Securely stackable.
- Weather- and age-resistant.
- Service works and the inspection repeated annually may be performed easily and quickly due to the removable front and rear panel.
- The screws of the front and rear panel have metal threads and may therefore be screwed in and out as often as required.
- Integrated handles.
- Available with black sockets ("MS" version) or with sockets in standard colours ("Event" version).
- Lateral recess for ventilator installation or labels.

ELECTRICALLY

- Mains indicators on the socket side (L1, L2, L3).
- The distributors are equipped by default with an earthing screw on the fuse side.
- All three-phase current outlets are equipped with three single-pole circuit breakers of the corresponding connected load. Thus, the mains does not fail in the case of a failure of a phase (useful for operation of lighting equipment).
- In order to minimise the thermal load in the distributor, all alternating current sockets 16 A are wired with 2.5 mm². In respect to alternating current sockets >16 A and three-phase current sockets, the cross-section size is larger than specified by the relevant standard.
- All CEE sockets are installed by default in such a way that plugs of the protection category IP67 may be plugged in. More narrow arrangements of sockets are available upon customer request.
- The housing has been designed according to protection class II (double protective insulation).

The arrangements with sockets, miniature circuit breakers (MCB) and residual current devices (RCD) shown on the following pages are recommendations developed on the basis of our experience. We may also offer you your desired configuration, of course.



Recess for ventilator installation or labels (when reordering in the factory)



Single-pole MCB for three-phase current outlets



Multifunction measuring device

THE FOLLOWING HOUSING VERSIONS ARE AVAILABLE:

SVE 3 SERIES

- Compact housing for currents up to 63 A
- Dimensions:
width: 400 mm x height: 340 mm x depth: 350 mm
- Thermal discharge capacity at 20 °C: 111 W
- Sockets up to 63 A are protected by the housing frame.
- Connector plugs up to 32 A are protected by the housing frame.
- All installation devices are protected by housing frames on the fuse side.

SVE 5-3 SERIES

- Compact housing for currents up to 125 A (400 A for special arrangements)
- Dimensions:
width: 600 mm x height: 545 mm x depth: 400 mm (four housings fit exactly on a euro-pallet)
- Thermal discharge capacity at 20 °C: 292 W
- Sockets up to 125 A are protected by the housing frame.
- Connector plugs up to 125 A are protected by the housing frame.
- Powerlock up to 630 A is protected by the housing frame.
- Recesses for secure stacking of SVE3, SVE4 and SVE5 housings.
- All installation devices are protected by housing frames on the fuse side.

SVE 4 SERIES

- Compact housing for currents up to 63 A (125 A for special arrangements)
- Dimensions:
width: 560 mm x height: 340 mm x depth: 350 mm
- Thermal discharge capacity at 20 °C: 126 W
- Sockets up to 63 A are protected by the housing frame.
- Connector plugs up to 32 A are protected by the housing frame.
- All installation devices are protected by housing frames on the fuse side.

SVE 5-4 SERIES

- Compact housing for currents up to 400 A (630 A for special arrangements)
- Dimensions:
width: 600 mm x height: 670 mm x depth: 400 mm (four housings fit exactly on a euro-pallet)
- Thermal discharge capacity at 20 °C: 378 W
- Sockets up to 125 A are protected by the housing frame.
- Connector plugs up to 125 A are protected by the housing frame.
- Powerlock up to 630 A is protected by the housing frame.
- Recesses for secure stacking of SVE3, SVE4 and SVE5 housings.
- All installation devices are protected by housing frames on the fuse side.



Mains indicators



Earthing screw

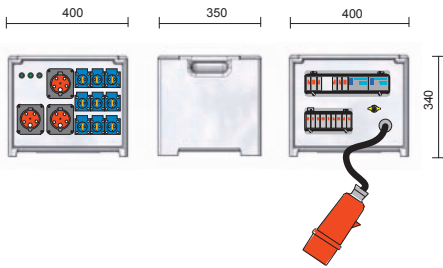


Stackable housings

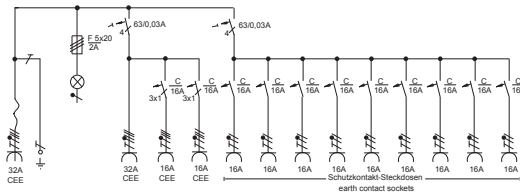
EVENT SOCKET DISTRIBUTORS

Overview of types SVE3 and SVE4

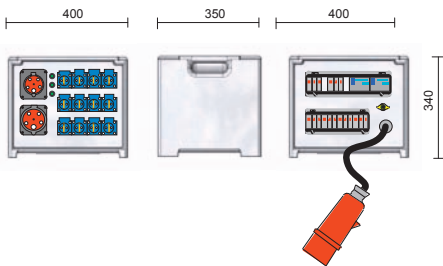
Type	Order no.
M-SVE3 32/21-9/1.5M/Event	MZ 86002
M-SVE3 32/21-9/1.5M/MS	MZ 85002



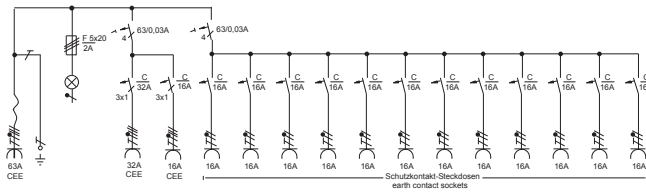
Description	RCD	MCB	Sockets
Connected load 22 kVA Power supply: 1.5M H07RN-F 5G6 with CEE plug 32A 5p 400V	2 RCD 63/0.03A	15 MCB 16A 1p-C	2 CEE sockets 16A 5p 400V 1 CEE socket 32A 5p 400V 9 isol. ground s. 16A 250V



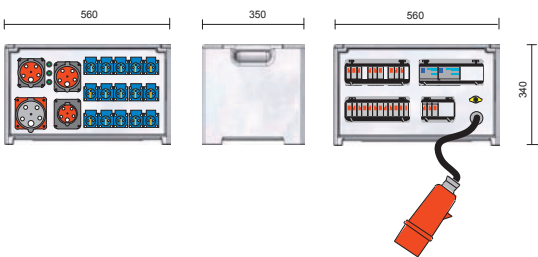
Type	Order no.
M-SVE3 63/11-12/1.5M/Event	MZ 86021
M-SVE3 63/11-12/1.5M/MS	MZ 85021



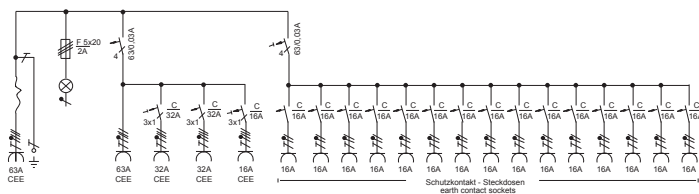
Description	RCD	MCB	Sockets
Connected load 44 kVA Power supply: 1.5M H07RN-F 5G16 with CEE plug 63A 5p 400V	2 RCD 63/0.03A	15 MCB 16A 1p-C 3 MCB 32A 1p-C	1 CEE sockets 16A 5p 400V 1 CEE sockets 32A 5p 400V 12 isol. ground s. 16A 250V



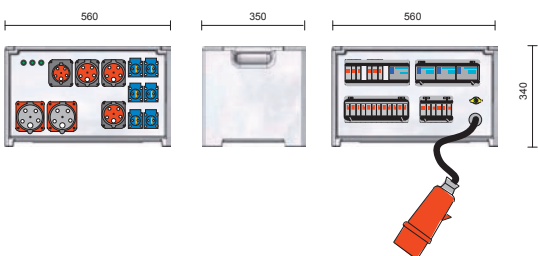
Type	Order no.
M-SVE4 63/121-15/1.5M/Event	MZ 86503
M-SVE4 63/121-15/1.5M/MS	MZ 85503



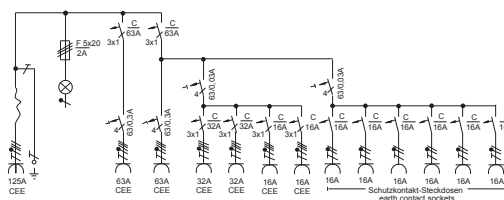
Description	RCD	MCB	Sockets
Connected load 44 kVA Power supply: 1.5M H07RN-F 5G16 with 1 CEE plug 63A 5p 400V	2 RCD 63/0.03A	18 MCB 16A 1p-C 6 MCB 32A 1p-C	1 CEE sockets 16A 5p 400V 2 CEE sockets 32A 5p 400V 1 CEE sockets 63A 5p 400V 15 isol. ground s. 16A 250V



Type	Order no.
M-SVE4 125/222-6/1.5M/Event	MZ 86600
M-SVE4 125/222-6/1.5M/MS	MZ 85600

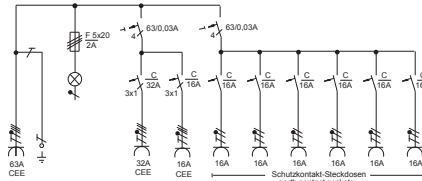
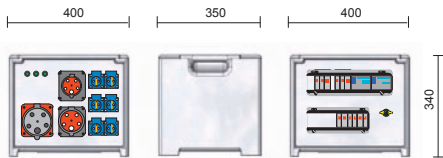


Description	RCD	MCB	Sockets
Connected load 87 kVA Power supply: 1.5M H07RN-F 5G35 with 1 CEE plug 125A 5p 400V	2 RCD 63/0.3A 2 RCD 63/0.03A	12 MCB 16A 1p-C 6 MCB 32A 1p-C 6 MCB 63A 1p-C	2 CEE sockets 16A 5p 400V 2 CEE sockets 32A 5p 400V 2 CEE sockets 63A 5p 400V 6 isol. ground s. 16A 250V



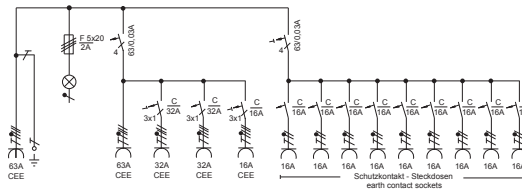
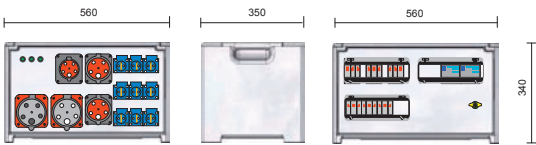
Type	Order no.
M-SVE3 63/11-6/G/Event	MZ 86020
M-SVE3 63/11-6/G/MS	MZ 85020

Description	RCD	MCB	Sockets
Connected load 44 kVA Power supply: 1 CEE connector plug 63A 5p 400V	2 RCD 63/0.03A	9 MCB 16A 1p-C 3 MCB 32A 1p-C	1 CEE Sockets 16A 5p 400V 1 CEE Socket 32A 5p 400V 1 CEE Sockets 63A 5p 400V 6 isol. ground s. 16A 250V



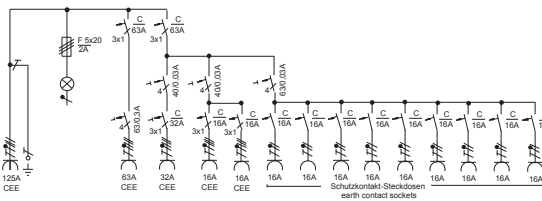
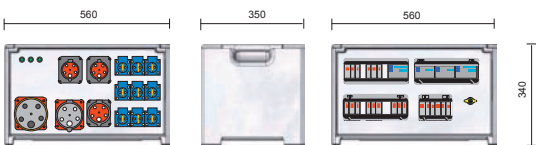
Type	Order no.
M-SVE4 63/121-9/G/Event	MZ 86502
M-SVE4 63/121-9/G/MS	MZ 85502

Description	RCD	MCB	Sockets
Connected load 44 kVA Power supply: 1 CEE connector plug 63A 5p 400V	2 RCD 63/0.03A	12 MCB 16A 1p-C 6 MCB 32A 1p-C	1 CEE socket 16A 5p 400V 2 CEE socket 32A 5p 400V 1 CEE socket 63A 5p 400V 9 isol. ground s. 16A 250V



Type	Order no.
M-SVE4 125/211-9/G/Event	MZ 86601
M-SVE4 125/211-9/G/MS	MZ 85601

Description	RCD	MCB	Sockets
Connected load 87 kVA Power supply: 1 CEE connector plug 125A 5p 400V	1 RCD 63/0.03A 1 RCD 63/0.3A 2 RCD 40/0.03A	15 MCB 16A 1p-C 3 MCB 32A 1p-C 6 MCB 63A 1p-C	2 CEE sockets 16A 5p 400V 1 CEE sockets 32A 5p 400V 12 CEE socket 63A 5p 400V 9 isol. ground s. 16A 250V



Versions

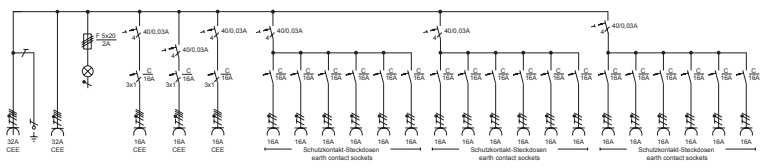
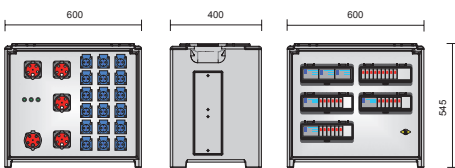
- MS version: Black sockets
- Event version: Sockets in standard colours



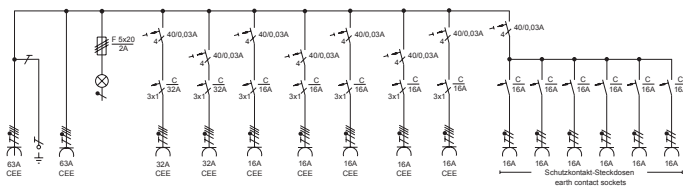
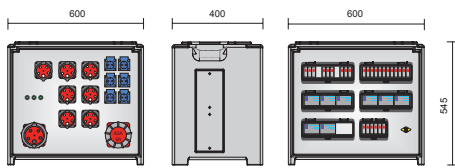
STECKDOSENVERTEILER EVENT

Typenübersicht SVE5

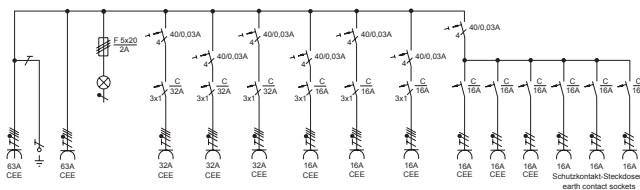
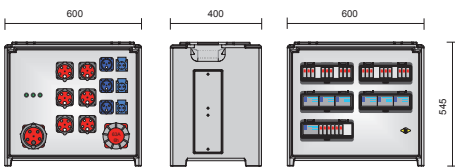
Type	Order no.	Description	RCD	MCB	Sockets
M-SVE5-3 32/3-18/G/E/Event M-SVE5-3 32/3-18/G/E/MS	MZ 86700 MZ 85700	Connected load 22 kVA Power supply: 1 CEE connector plug 32A 5p 400V CEE socket 32A 5p 400V as loop, unsecured	6 RCD 40/0.03A	27 MCB 16A 1p-C	3 CEE sockets 16A 5p 400V 18 isol. ground s. 16A 250V



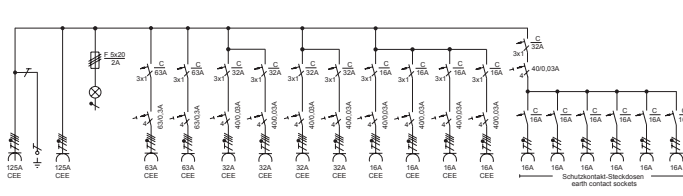
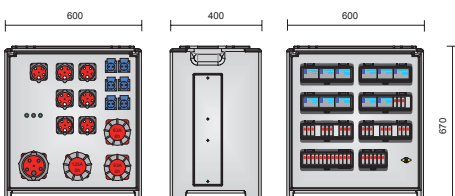
Type	Order no.	Description	RCD	MCB	Sockets
M-SVE5-3 63/52-6/G/E/Event M-SVE5-3 63/52-6/G/E/MS	MZ 86701 MZ 85701	Connected load 44 kVA Power supply: 1 CEE connector plug 63A 5p 400V CEE socket 63A 5p 400V as loop, unsecured	8 RCD 40/0.03A	21 MCB 16A 1p-C 6 MCB 32A 1p-C	5 CEE sockets 16A 5p 400V 2 CEE sockets 32A 5p 400V 6 isol. ground s. 16A 250V



Type	Order no.	Description	RCD	MCB	Steckdosen
M-SVE5-3 63/33-3-3/G/E/Event M-SVE5-3 63/33-3-3/G/E/MS	MZ 86702 MZ 85702	Connected load 44 kVA Power supply: 1 CEE connector plug 63A 5p 400V CEE socket 63A 5p 400V as loop, unsecured	7 RCD 40/0.03A	15 MCB 16A 1p-C 9 MCB 32A 1p-C	3 CEE sockets 16A 5p 400V 3 CEE sockets 32A 5p 400V 3 isol. ground s. 16A 250V 3 CEE sockets 16A 3p 230V

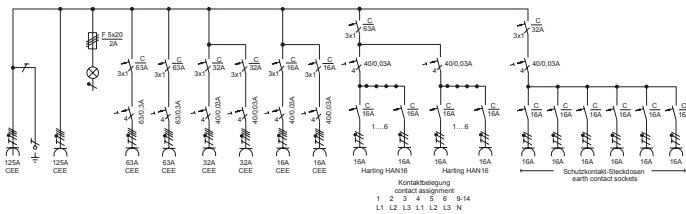
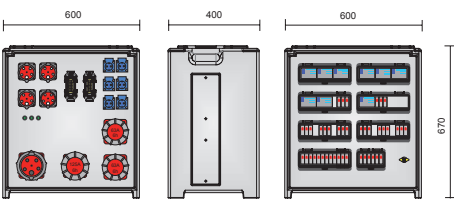


Type	Order no.	Description	RCD	MCB	Steckdosen
M-SVE5-4 125/442-6/G/E/Event M-SVE5-4 125/442-6/G/E/MS	MZ 86800 MZ 85800	Connected load 87 kVA Power supply: 1 CEE connector plug 125A 5p 400V CEE socket 125A 5p 400V as loop, unsecured	2 RCD 63/0,3A 9 RCD 40/0.03A	18 MCB 16A 1p-C 15 MCB 32A 1p-C 6 MCB 63A 1p-C	4 CEE sockets 16A 5p 400V 4 CEE sockets 32A 5p 400V 2 CEE sockets 63A 5p 400V 6 isol. ground s. 16A 250V



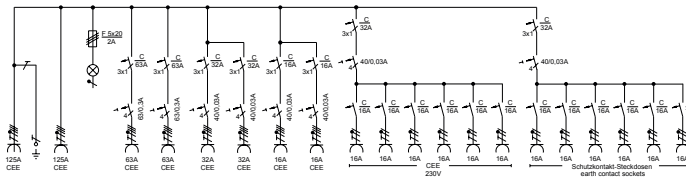
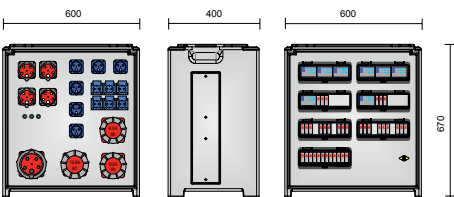
Type	Order no.
M-SVE5-4 125/222-6/2H16/G/E/Event	MZ 86801
M-SVE5-4 125/222-6/2H16/G/E/MS	MZ 85801

Description	RCD	MCB	Sockets
Connected load 87 kVA Power supply: 1 CEE connector plug 125A 5p 400V CEE socket 125A 5p 400V as loop, unsecured	2 RCD 63/0.3A 7 RCD 40/0.03A	24 MCB 16A 1p-C 9 MCB 32A 1p-C 9 MCB 63A 1p-C	2 CEE sockets 16A 5p 400V 2 CEE sockets 32A 5p 400V 2 CEE sockets 63A 5p 400V 6 isol. ground s. 16A 250V 2 HAN16



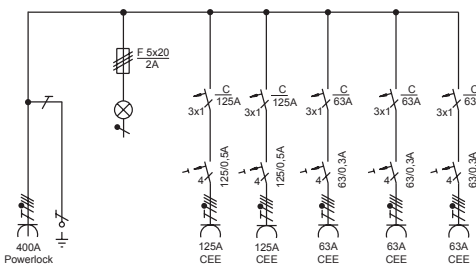
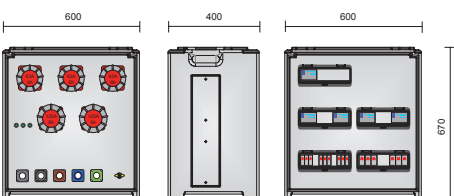
Type	Order no.
M-SVE5-4 125/222-6-6/G/E/Event	MZ 86802
M-SVE5-4 125/222-6-6/G/E/MS	MZ 86802

Description	RCD	MCB	Sockets
Connected load 87 kVA Power supply: 1 CEE connector plug 125A 5p 400V CEE socket 125A 5p 400V as loop, unsecured	2 RCD 63/0.3A 6 RCD 40/0.03A	24 MCB 16A 1p-C 12 MCB 32A 1p-C 6 MCB 63A 1p-C	2 CEE sockets 16A 5p 400V 2 CEE sockets 32A 5p 400V 2 CEE sockets 63A 5p 400V 6 isol. ground s. 16A 250V 6 CEE socket 16A 5p 230V



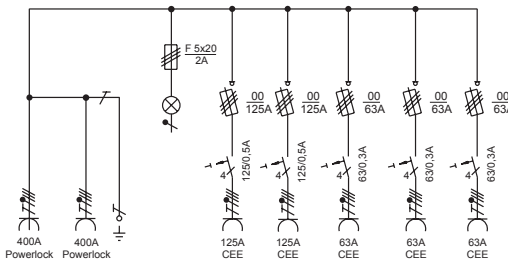
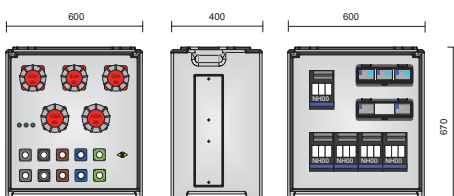
Type	Order no.
M-SVE5-4 400/0032-0/G/Event	MZ 86803
M-SVE5-4 400/0032-0/G/MS	MZ 86803

Description	RCD	MCB	Sockets
Connected load 277 kVA Power supply: Powerlock 400A Single-wire connection	2 RCD 125/0.5A 3 RCD 63/0.3A	9 MCB 63A 1p-C 6 MCB 125A 1p-C	3 CEE sockets 63A 5p 400V 2 CEE sockets 125A 5p 400V



Type	Order no.
M-SVE5-4 400/0032-0/32NH/G/E/Event	MZ 86804
M-SVE5-4 400/0032-0/32NH/G/E/MS	MZ 85804

Description	RCD	MCB	Sockets
Connected load 277 kVA Power supply: Powerlock 400A Single-wire connection Powerlock 400A as loop, unsecured	2 RCD 125/0.5A 3 RCD 63/0.3A	3 NH00 disconnector 3p 63A 2 NH00 disconnector 3p 125A	3 CEE sockets 63A 5p 400V 2 CEE sockets 125A 5p 400V



ACCESSORIES

The distributors may optionally be equipped with mains monitoring relays or power measuring devices for monitoring the neutral line. Please contact us regarding the possible options.

For operating film spotlights, for example, installation of disengageable residual current devices is optionally possible.



Residual current device, disengageable

Base frames are available for all housing sizes. For the SVE 5 series, a carriage is available.

Series	Type	Item no.	Description
SVE3 and SVE4	M-SVE3-4 UG	MZ80103	Stackable base frame hot-dip galvanised
SVE5	M-SVE5 UG	MZ80104	Stackable base frame hot-dip galvanised
SVE5	M-SVE5 FG	MZ80108	Carriage, four guide rollers, two with brakes



Stackable base frame



Carriage



YOUR ADDRESS

Company _____

Name _____

Street, house number _____

Postal code, place _____

Phone _____

E-Mail _____

YOUR DISTRIBUTOR

You would like to have an individual offer? We would be pleased to provide you with an individual offer which meets your expectations. Just leave your contact details.

MERZ GMBH · Kernerstraße 15 · 74405 Gaildorf
 Phone +49 (0)7971 252-0 · Fax +49 (0)7971 252-350
 merz@merz-elektro.de · www.merz-elektro.de