



HYUNDAI ELECTRIC

Industrial Electrical Solutions for Germany

Exhibition brochure prepared by OTACO GmbH for customer introductions, project enquiries and technical product presentation.

Company	OTACO GmbH
Role	Hyundai Electric Distributor in Germany
Focus	Low-voltage protection, switching and industrial control components
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Why this format: because Hyundai Electric is still being introduced to many customers in Germany, this brochure puts visible technical information next to each product family so visitors quickly understand what the product does and where it is used.

About OTACO GmbH

OTACO GmbH supplies industrial electrical products for switchgear, power distribution and machinery applications. For Hannover Messe and customer meetings, the objective is not only to show part numbers but to make the Hyundai Electric brand easy to understand for new customers in the German market.

What visitors should understand immediately

- Which product family is suitable for branch protection, residual current protection, switching or motor control.
- The key technical level of the product family, such as breaking capacity, pole configuration, current range and control voltage.
- That OTACO GmbH can provide datasheets, application support and project-based commercial quotations.

Product groups	MCB, switch disconnectors, RCD / RCCB, modular contactors, power contactors, thermal overload relays, accessories
Use cases	Panel builders, OEM machine builders, MEP contractors, energy distribution projects, industrial retrofits
Commercial note	Prices are intentionally removed in this exhibition version. Quotations are provided according to project scope and quantity.
Support	Datasheets and technical clarification available upon request.

MCB – Miniature Circuit Breakers

Miniature circuit breakers for low-voltage branch circuit protection in commercial and industrial panels. This range is suitable where installers need compact modular protection with clear pole options and standard trip characteristics.

- Clearly presented with breaking capacity so visitors immediately understand the performance level.
- Available in B and C curves depending on application and in multiple pole configurations.
- Suitable for distribution boards, control cabinets and light industrial loads.



Series overview	HGD63E (3 kA), HGD63N (6 kA), HGD63H / HGD125 (10 kA)
Current range	1 A to 125 A depending on series
Pole options	1P, 2P, 3P, 4P, 1P+N and 3P+N depending on series
Trip curves	B curve and C curve

Representative product range

Series	Breaking capacity	Poles	Current range	Typical description
HGD63E	3 kA	1P / 3P	1–63 A	Compact MCB for standard branch circuit protection
HGD63N	6 kA	1P to 4P	1–63 A	Higher interrupting capacity MCB for wider panel use
HGD63H	10 kA	1P to 4P	1–63 A	High breaking capacity MCB for more demanding installations
HGD125	10 kA	1P to 4P	80–125 A	Extended-current MCB family for larger outgoing feeders

This brochure is prepared for exhibition use. Detailed datasheets, accessory matching and project-based offers are available on request.

Load Break Switches and Switch Disconnectors

Manual switch disconnectors for isolation and switching duties in low-voltage systems. These devices are useful when customers need a straightforward visible switching element separate from protective trip functions.

- Useful for feeder isolation, maintenance switching and section control in panels.
- Presented separately from MCBs so visitors can quickly distinguish switching duty from protective duty.
- Compact 415 V switch range supports multiple pole configurations.



Series overview	HSD125 automatic-type switch, 415 V
Current range	16 A to 125 A
Pole options	1P, 2P, 3P, 4P
Application	Isolation and switching in low-voltage boards

Representative product range

Series	Voltage	Poles	Current range	Typical description
HSD125	415 V	1P	16–125 A	Compact isolating switch for single-pole duty
HSD125	415 V	2P	16–125 A	Double-pole switching and isolation
HSD125	415 V	3P	16–125 A	Three-phase switching for industrial feeders
HSD125	415 V	4P	16–125 A	Four-pole switching including neutral isolation

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RCD / RCCB – Residual Current Protection

Residual current devices for protection against earth leakage current. This is especially important in exhibition communication because many visitors first want to know sensitivity, pole count, voltage range and breaking capacity before requesting a datasheet.

- AC type versions with 30 mA and 300 mA sensitivity options.
- Available in 2-pole and 4-pole versions for common distribution applications.
- Clear differentiation between personnel protection and higher-level leakage protection.



Series overview	HRC63 / HRC100
Sensitivity options	30 mA and 300 mA
Voltage range	240–415 V AC
Breaking capacity	6 kA or 10 kA depending on frame

Representative product range

Series	Sensitivity	Poles	Current range	Typical description
HRC63	30 mA	2P / 4P	25–63 A	Residual current protection for personnel safety
HRC63	300 mA	2P / 4P	25–63 A	Residual current protection for upstream leakage monitoring
HRC100	30 mA	2P / 4P	80–100 A	Higher-frame RCCB for larger feeders
HRC100	300 mA	2P / 4P	80–100 A	Higher-current leakage protection device

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Modular Contactors

Modular contactors provide a compact switching solution for lighting, heating, building services and automation control. For a new brand introduction in Germany, these products should be shown with contact configuration and control voltage rather than just the part number.

- Slim DIN-rail form factor for compact panel layouts.
- Available in 1 to 4 poles with different NO/NC contact arrangements.
- 230 V AC control versions listed in the source catalogue.



Series overview	HIC25 / HIC40 / HIC63
Current ratings	25 A, 40 A, 63 A
Pole options	1P, 2P, 3P, 4P
Contact forms	1NO, 2NO, 1NO+1NC, 2NC, 2NO+2NC, 3NO+1NC and more

Representative product range

Series	Rated current	Poles	Control voltage	Typical description
HIC25	25 A	1P to 4P	230 V AC	Modular contactor for compact switching duties
HIC40	40 A	2P to 4P	230 V AC	Higher-current modular contactor for building services
HIC63	63 A	2P to 4P	230 V AC	Heavy-duty modular switching in compact format
HIC variants	25–63 A	Multi-form	230 V AC	Different NO / NC combinations for control flexibility

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Power Contactors

Three-pole power contactors for motor switching and industrial load control. This family is one of the strongest brand-building sections because customers can immediately relate AC-3 current, motor power and thermal current to real applications.

- Range extends from compact contactors for small motors up to large industrial frames.
- AC coil versions are shown in the source list; DC coil variants are also present for selected frames.
- Suitable for motor starters, pumping systems, compressors and general industrial control.



Series overview	HGC series
AC-3 current range	9 A to 800 A
Motor power reference	Approx. 4 kW to 440 kW at 380–440 VAC depending on model
Auxiliary contacts	Multiple NO / NC combinations available by model

Representative product range

Series	AC-3 current	Motor power	Control	Typical description
HGC9–HGC22	9–22 A	4–11 kW	AC coil	Compact motor contactors for starter circuits
HGC25–HGC100	25–100 A	11–55 kW	AC coil	Standard industrial contactors for motor and load switching
HGC115–HGC300	115–300 A	60–160 kW	AC / selected DC	Heavy-duty contactors for larger industrial loads
HGC400–HGC800	400–800 A	220–440 kW	AC / selected DC	Large-frame contactors for high-current applications

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Thermal Overload Relays

Thermal overload relays complete the motor starter offering by providing adjustable overload protection matched to the contactor family. This is important for market introduction because many customers decide on the brand only when they see that the starter system is complete, not just the contactor alone.

- Adjustable current ranges matched to Hyundai contactor frames.
- Used together with contactors in standard motor starter combinations.
- Suitable for OEM machine panels and industrial motor control centres.



Series overview	HGT18 / HGT40 / HGT65 / HGT100 families
Adjustment ranges	From sub-1 A settings up to 65 A and higher depending on frame
Matching concept	Relay families paired with corresponding contactor sizes
Application	Motor overload protection in starter assemblies

Representative product range

Series	Adjustment range	Matching contactor	Use	Typical description
HGT18	0.6–18 A	HGC9–18	Motor starter	Thermal overload relay for small motor starters
HGT40	8–40 A	HGC25–40	Motor starter	Relay family for medium starter currents
HGT65	17–65 A	HGC50–65	Motor starter	Overload relay for larger low-voltage motors
HGT100	25–100 A	HGC75–100	Motor starter	High-range overload relay for larger starter assemblies

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Contact OTACO GmbH

For detailed datasheets, accessory selection, project quotations and support for switchgear or machine-building applications, please contact us.

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Note	Prices and detailed technical data can be supplied project-by-project upon request.

Prepared for exhibition use. English-only presentation with selected technical descriptions to help introduce Hyundai Electric clearly to new customers in the German market.