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## Our partners in Switzerland

To guarantee optimum availability and short delivery times, orders are placed with our partners directly and are handled exclusively by them.

You find the corresponding order-information on the following pages.



**A. SAESSELI & CO. AG**  
www.elektrogrosshandel.ch

**A. Saesseli & Co. AG**  
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info@saesseli.ch



**dineo SA**  
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info@dineo.ch



**Distrelec AG**  
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**Dysbox SA**  
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**ElectroLAN SA**  
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**Electroplast AG**  
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**Electroplast SA**  
**Les Acacias**  
Tel: +41 22 342 01 60  
Fax: +41 22 342 02 11  
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**Meyrin**  
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Fax: +41 22 782 07 20  
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**Fabbri SA**  
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Fax: +41 91 850 05 36  
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**Bern**  
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Fax: +41 31 985 83 83  
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**Luzern**  
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Fax: +41 41 368 08 70  
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**Heiden**  
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em-he@elektro-material.ch

**Electro-Matériel SA**  
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**Genf**  
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## Our partners in Switzerland

### Continuation



**Elettro-Materiale SA**  
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**Lamone-Lugano**  
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Fax: +41 91 612 20 30  
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**Otto Fischer AG**  
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Tel: +41 24 447 47 70  
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Standard AG Industrietechnik



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### Great Britain

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info@centiflex.com  
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Stallbakken 9C  
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## Relay-types in alphabetical order – Order-numbers Distributors

Type	Article no. Selectron	Article no. Distrelec-Schuricht	No. ELFA	No. E	No. VSAS	No. EAN	Page Catalog
CKT K1	42310310	41 08 63	3746087	505 390 100	059.053.060.022	7640119436241	8.34
CKT S1	42310311	41 08 64	3746088	505 390 101	059.053.060.023	7640119436258	8.34
DB 2	41920013	41 06 44	3745100	505 397 100	046.053.060.007	7640119430430	8.46
EMR DF22Q	41230040	22 32 09	1037214	543 300 090	049.053.031.018	7640119436609	6.26
EMR DI22F	41230005	24 19 00	3754712	543 320 000	049.053.031.005	7640119433257	6.2
EMR DP22H	41230008	24 19 06	3754782	543 311 200	049.053.031.007	7640119433288	6.22
EMR DT22G	41230006	24 19 05	3754768	543 380 000	049.053.031.006	7640119433264	6.18
EMR DU21B1	41230000	22 32 08	1037213	543 310 230	049.053.031.015	7640119436593	6.14
EMR DU21C1	41230003	24 19 04	3754736	543 310 900	049.053.031.003	7640119430836	6.14
EMR DU21D	41230001	24 19 02	3754734	543 311 000	049.053.031.001	7640119430829	6.10
EMR DU21D1	41230002	24 19 03	3754735	543 310 800	049.053.031.002	7640119433233	6.14
EMR DU22E	41230004	24 19 01	3754733	543 311 100	049.053.031.004	7640119433240	6.6
EMR I111Q	41230033	22 19 24	3754725	543 320 100	049.053.031.010	7640119434711	7.2
EMR IT13G	41230035	22 19 26	3754767	543 380 022	049.053.031.012	7640119434735	7.18
EMR IU11D	41230032	22 19 23	3623005	543 310 290	049.053.031.009	7640119434704	7.14
EMR IU11D1	41230030	22 19 21	3754746	543 310 090	049.053.031.003	7640119434681	7.10
EMR IU21D1	41230031	22 19 22	3623004	543 310 190	049.053.031.008	7640119434698	7.10
EMR IU11N	41230034	22 19 25	3754747	543 310 072	049.053.031.011	7640119434728	7.6
EMR SU21I	41230009	22 19 10	3754741	543 312 011	049.053.020.001	7640119434063	5.6
EMR SU21J	41230010	22 19 11	3754742	543 312 021	049.053.020.002	7640119434070	5.6
EMR SU21K	41230011	22 19 12	3754743	543 312 031	049.053.020.003	7640119434087	5.6
EMR SU21L	41230012	22 19 13	3754744	543 312 041	049.053.020.004	7640119434094	5.6
EMR SU21M	41230013	22 19 14	3754745	543 312 030	049.053.020.005	7640119434100	5.10
EMR SU21N	41230014	22 19 15	3623000	543 312 000	049.053.020.006	7640119434117	5.10
EMR SI23O	41230015	22 19 16	3754723	543 324 010	049.053.020.007	7640119434124	5.2
EMR SI23P	41230016	22 19 17	3754724	543 324 020	049.053.020.008	7640119434131	5.2
EMR SU31C1	41230017	22 19 18	3623001	543 313 080	049.053.020.009	7640119434148	5.18
EMR SU31D1	41230018	22 19 19	3623002	543 313 090	049.053.020.010	7640119434155	5.18
EMR SU31D	41230019	22 19 20	3623003	543 313 190	049.053.020.011	7640119434162	5.14
EXPOT 1	41920034	42 00 65	3754334	528 391 192	047.053.060.006	7640119430577	2.28

## Relay-types in alphabetical order – Order-numbers Distributors

Type	Article no. Selectron	Article no. Distrelec-Schuricht	No. ELFA	No. E	No. VSAS	No. EAN	Page Catalog
HD D0340I	42310270	10 00 09	1041116	543 320 021	059.053.018.015	7640119436616	8.26
HD D2825	42310250	41 08 40	3746064	505 314 451	059.053.018.007	7640119435954	8.18
HD D2825K	42310260	41 08 36	3746060	505 313 751	059.053.018.011	7640119436302	8.22
HD D6035	42310251	41 08 41	3746065	505 314 551	059.053.018.008	7640119435961	8.18
HD D6035K	42310261	41 08 37	3746061	505 313 851	059.053.018.012	7640119436319	8.22
HD D6050	42310252	41 08 42	3746066	505 314 651	059.053.018.009	7640119435978	8.18
HD D6050K	42310262	41 08 38	3746062	505 313 951	059.053.018.013	7640119436326	8.22
HD D6075	42310253	41 08 43	3746067	505 314 751	059.053.018.010	7640119435985	8.20
HD D6075K	42310263	41 08 39	3746063	505 314 351	059.053.018.014	7640119436333	8.24
HK 0,3 LB230	42310305	41 08 68	3746092	505 390 003	059.053.060.019	7640119436029	8.35
HK 0,9	42310302	41 08 67	3746091	505 390 009	059.053.060.017	7640119436005	8.33
HK 2,2	42310304	41 08 65	3746089	505 390 022	059.053.060.016	7640119436012	8.33
HK 3,0	42310300	41 08 66	3746090	505 390 130	059.053.060.015	7640119435992	8.32
HKT 3,0	42310306	41 08 61	3746085	505 390 030	059.053.060.020	7640119436227	8.34
HKT 4,0	42310307	41 08 62	3746086	505 390 140	059.053.060.021	7640119436234	8.34
HL D5208R	42310141	41 08 44	3746068	505 314 851	059.053.023.007	7640119435794	8.5
HL A5250	42310142	41 08 45	3746069	505 314 951	059.053.023.005	7640119435800	8.5
HL D5250	42310143	41 08 46	3746070	505 315 451	059.053.023.004	7640119435817	8.5
HL D5222K	42310144	41 08 47	3746071	505 315 651	059.053.023.006	7640119435824	8.5
HM D0603D	42310080	41 08 50	3746074	505 310 551	059.053.014.011	7640119435732	8.6
HM D0603D PG	42310087	41 08 57	3746081	505 311 751	059.053.014.017	7640119436173	8.6
HM D2704	42310081	41 08 51	3746075	505 310 651	059.053.014.010	7640119435749	8.6
HM D2704 PG	42310086	41 08 56	3746080	505 310 951	059.053.014.016	7640119436166	8.6
HM D6004 PG	42310088	41 08 58	3746082	505 311 851	059.053.014.018	7640119436180	8.6
HQ D6010H	42310085	41 08 55	3746079	505 310 851	059.053.014.015	7640119435787	8.10
HQ D6010H PG	42310092	41 08 60	3746084	505 311 951	059.053.014.020	7640119436210	8.10
HQ D6010L	42310084	41 08 54	3746078	505 310 231	059.053.014.014	7640119435770	8.10
HQ 6010L PG	42310091	41 08 59	3746083	505 310 031	059.053.014.019	7640119436203	8.10
HRK 0,7	41920003	41 06 38	3745092	505 391 200	046.053.060.001	7640119430379	8.32
HS A2825	42310200	41 08 26	3746050	505 315 202	059.053.011.007	7640119435855	8.12

## Relay-types in alphabetical order – Order-numbers Distributors

Type	Article no. Selectron	Article no. Distrelec-Schuricht	No. ELFA	No. E	No. VSAS	No. EAN	Page Catalog
HS A5150	42310201	41 08 27	3746051	505 315 302	059.053.012.008	7640119435862	8.14
HS A5175	42310202	41 08 28	3746052	505 315 402	059.053.012.010	7640119435879	8.15
HS D1120D	42310180	41 08 48	3746072	505 315 751	059.053.016.011	7640119435831	8.16
HS D1140D	42310181	41 08 49	3746073	505 315 851	059.053.016.012	7640119435848	8.16
HS D2825	42310203	41 08 29	3746053	505 312 651	059.053.011.006	7640119435886	8.12
HS D2850	42310206	41 08 32	3746056	505 312 951	059.053.011.008	7640119435916	8.12
HS D51125	42310209	41 08 35	3746059	505 313 651	059.053.012.011	7640119435947	8.15
HS D5135M	42310205	41 08 31	3746055	505 312 851	059.053.016.010	7640119435909	8.16
HS D6035	42310204	41 08 30	3746054	505 312 751	059.053.012.006	7640119435893	8.12
HS D6050	42310207	41 08 33	3746057	505 313 451	059.053.012.007	7640119435923	8.14
HS D6075	42310208	41 08 34	3746058	505 313 551	059.053.012.009	7640119435930	8.15
HT D6005H	42310083	41 08 53	3746077	505 310 751	059.053.014.013	7640119435763	8.8
HT D6005L	42310082	41 08 52	3746076	505 310 131	059.053.014.012	7640119435756	8.8
LG 121	41930032	30 02 40	5069970	543 399 190	016.053.061.001	7640119430607	9.2
LG 220	41930006	30 02 41	5069971	543 399 290	016.053.061.003	7640119430584	9.2
MFT DS22A	41230007	24 19 07	3754260	528 380 000	047.053.030.001	7640119433271	4.2
MFT IQ13S	41130001	42 03 92	3754273	528 337 092	047.053.011.024	7640119434261	3.2
MFT IU14S	41130003	42 03 93	3754274	528 337 192	047.053.011.021	7640119434278	3.6
MFT IU24S	41130004	42 03 94	3754275	528 337 292	047.053.011.020	7640119434285	3.6
MFT IT14S	41130007	42 03 95	3754276	528 337 492	047.053.011.023	7640119434308	3.10
MFT ITU24S	41130005	42 03 96	3754277	528 337 392	047.053.011.022	7640119434292	3.14
MFT SA23S	41140008	42 00 52	3754244	528 310 092	047.053.027.010	7640119430140	2.20
MFT SS22S	41140009	42 00 51	3754243	528 380 092	047.053.027.011	7640119430157	2.24
MFT ST22S	41140006	42 00 50	3754242	528 332 092	047.053.027.008	7640119430126	2.12
MFT SU22P	41140012	42 00 49	3754241	528 330 592	047.053.027.007	7640119430188	2.2
MFT SU22S	41140010	42 00 48	3754240	528 330 292	047.053.027.003	7640119430164	2.2
MFT T51SE	41140007	42 00 60	3754329	528 332 192	047.053.027.009	7640119430133	2.16
MFT U31S	41140003	42 00 56	3754323	528 330 392	047.053.027.004	7640119430096	2.6
MFT U41SE	41140004	42 00 57	3754324	528 330 492	047.053.027.005	7640119430102	2.6
MP 1	41230101	24 19 08	4808206	543 397 190	049.053.035.001	7640119430331	6.26

## Relay-types in alphabetical order – Order-numbers Distributors

Type	Article no. Selectron	Article no. Distrelec-Schuricht	No. ELFA	No. E	No. VSAS	No. EAN	Page Catalog
POTSET	41920033	42 00 64	3754333	528 391 092	047.053.060.005	7640119430560	2.28
SA 1	41230102	24 19 09	4808207	543 397 290	049.053.035.002	7640119430348	6.26
SP 11/101	41930034	30 02 40	5069970	543 398 190	016.053.061.002	7640119430614	9.2
SP 11/201	41930010	30 02 41	5069971	543 398 290	016.053.061.004	7640119430591	9.2
SSK 11 N	41910006	42 50 11	4808205	528 390 092	049.053.060.002	7640119430355	2.28 / 5.10
TS 90 M6	42310320	41 08 69	3746093	505 390 200	059.053.060.018	7640119436357	8.33



Last update 4 february 2012

## Comparison list multifunctional and time relays

Old types	Replaced by	Differences
GZA 10, GZA 20/21, GZA 21, GZE 10, GZE 20, GZE 21, GZI 20, GZI 21, GZU 20, GZU 21, GZU 30 GZP 20, GZP 21  GRA 10, GRE 10, GRI 1, GRI 12, GRL, GRL 1, GRL 6, GRL 12, GRL 18, GRL 38, GRL 68, GRP 1, GRP 2, GRP 10, GRP 11, GRP 16, GRP 31, GRP 32, GRP 33, GRP 38/01 GRT 10, GRT 12, GRT 60, GRT 62, GRT 100 GSL 1  RBL 1, RBL 2  RTL, RTL 10, RTL 30, RTL 60  RI 1, RT 1, RT 2, RT 3, RT 5, RT 6, RT 7, RT 8, RT 10, RT 12  RZEA 30/40, RZIB 30/40, RZAB 30 U21P, U22P	<b>MFT SU22P</b>  Multifunction, 2 changers, potential free control, zoomvoltage	<ul style="list-style-type: none"> <li>Supply voltage 12-240 Vdc</li> <li>Extended time ranges</li> </ul>
GWR, GWR 30 GZPS 20/21 GZW 20  GZPS 20, GZPS 21, GZUS 30  RZIB 40, RZEA 40  U11S, U21S, U22S	<b>MFT SU22S</b>  Multifunction, 2 changers, voltage controlled zoomvoltage	<ul style="list-style-type: none"> <li>No potential free control</li> <li>No wire straps</li> <li>Supply voltage 12-240 Vdc</li> <li>Extended time ranges</li> </ul>
GSR 1, GSR 2 GZEK 20/21	<b>MFT U31S</b>  Multifunction, 1 changer, 1 immediate contact optional, voltage controlled	<ul style="list-style-type: none"> <li>No potential free control</li> <li>Optional with or without immediate contact</li> <li>Supply voltage 24 Vac/dc and 110-240 Vac</li> <li>At 24 Vac/dc connections on pin 2 and 7</li> <li>Extended time ranges</li> </ul>
GZU 30 E RT 5E	<b>MFT U41SE</b>  Multifunction, 1 changer, 1 NC contact, voltage controlled	<ul style="list-style-type: none"> <li>No potential free control</li> <li>Supply voltage 24 Vac/dc and 110-240 Vac</li> <li>At 24 Vac/dc connections on pin 2 and 7</li> <li>External potentiometer on pin 6 and 8</li> <li>External potentiometer 1MOhm</li> <li>1 Changer and 1 NC contact</li> <li>Extended time ranges</li> </ul>

## Comparison list multifunctional and time relays

Old types	Replaced by	Differences
GTP 10, GTP 11 GRL 16, GRM 1, GRM 1P GZEA 20, GZEA 21, GZEI 20, GZEI 21, GZEP 30, GZT 20, GZT 21, GZT 30, GZTP 20, GZTP 21, GZTP 21/02  RBL 2 RM 1 RT 9 T21S	<b>MFT ST22S</b> Cycling timer, Delay on and delay off, 2 changers	<ul style="list-style-type: none"> <li>No potential free control</li> <li>Supply voltage 12 ... 240 Vac/dc</li> <li>Extended time ranges</li> </ul>
GZT 30 E	<b>MFT T51SE</b> Cycling timer, Delay on and delay off, Ext. potmeter, 1 NC contact, 1 NO contact	<ul style="list-style-type: none"> <li>Supply voltage 24 Vac/dc and 110-240 Vac</li> <li>At 24 Vac/dc connections on pin 2 and 7</li> <li>External potentiometer on pin 3, 6 and 8</li> <li>1 NC contact and 1 NO contact</li> <li>Extended time ranges</li> </ul>
GSL 1 GZAH 20 A21S	<b>MFT SA23S</b> Delay off without supply voltage, 2 changers	<ul style="list-style-type: none"> <li>Supply voltage 24 ... 240 Vac/dc</li> </ul>
GSD 1 GZD 20 S21S	<b>MFT SS22S</b> Star-delta relay , 2 changers	<ul style="list-style-type: none"> <li>Supply voltage 12 ... 240 Vac/dc</li> <li>Change-over time for star-delta switching adjustable</li> <li>Extended time ranges</li> </ul>
GZED, GZED 20 GZUD 30 D42S	<b>No replacement</b>	

## Comparison list multifunctional and time relays

Old types	Replaced by	Differences
DZU 30	<b>DZU 40</b> Multifunction, 2 changers	<ul style="list-style-type: none"> <li>Extended time ranges</li> <li>24 Vac/dc and 110-240 Vac</li> </ul>
DZT 40	<b>MFT IT14S</b>	<ul style="list-style-type: none"> <li>Only functions TP and TI available</li> <li>12-240VAC/DC</li> </ul>
DZT 40	<b>MFT ITU24S</b> Multifunction	<ul style="list-style-type: none"> <li>More functions available</li> <li>12-240VAC/DC</li> </ul>
DZU 40	<b>MFT IU24S</b>	<ul style="list-style-type: none"> <li>Without function S1</li> <li>12-240VAC/DC</li> </ul>
DZA 30 DZB 30 DZE 30 DZI 30 DZA 31 DZE 31 DZU 41	<b>MFT IQ13S</b>	<ul style="list-style-type: none"> <li>Only functions E, A, I1, B2 available</li> <li>24-240VAC/DC</li> </ul>
DZU 41	<b>MFT IU14S</b> Multifunction	<ul style="list-style-type: none"> <li>Without function S1</li> <li>12-240VAC/DC</li> </ul>
GSW 31	<b>SHR</b>	<ul style="list-style-type: none"> <li>Availably at the company HIT Elektronik <a href="http://www.hit-elektronik.de">www.hit-elektronik.de</a></li> </ul>
EBG 33 GIR 20, GIR 1 GRK10/20 GSM 1 GWR 30 GZW 20 RK, RK10/20	<b>No Replacement</b>	

## Comparison list monitoring relays

Old types	Replaced by	Differences
GM-U 40 230/400 VAC GM-U 31, GM-U 3, GM-U 31-0, GM-U 3-0 GM-P 1	<b>EMR SU31D1</b> 3-phase voltage monitoring relay, 1 NC contact, 1 NO contact	<ul style="list-style-type: none"> <li>• More set possibilities</li> <li>• with or without neutral wire</li> <li>• Additional phase sequence monitoring</li> <li>• Additional asymmetry monitoring</li> </ul>
GM-U 40 132/230 VAC GM-U 31, GM-U 3, GM-U 31-0, GM-U 3-0 GM-P 1	<b>EMR SU31C1</b> 3-phase voltage monitoring relay, 1 NC contact, 1 NO contact	<ul style="list-style-type: none"> <li>• More set possibilities</li> <li>• with or without neutral wire</li> <li>• Additional asymmetry monitoring</li> </ul>
GM-U 1 110 VAC	<b>EMR SU21M</b> 2 changers	<ul style="list-style-type: none"> <li>• Pin compatible</li> <li>• More set possibilities</li> </ul>
GM-U 1 230 VAC	<b>EMR SU21N</b> 2 changers	
GM-U 5 24 VDC, GM-U 6 24 VDC	<b>EMR SU21J</b> 2 changers	
GM-U 6 12 VDC	<b>EMR SU21I</b> 2 changers	
GM-U 5 36 VDC	<b>EMR SU21K</b> 2 changers	
GM-U 5 48 VDC, GM-U 6 48 VDC	<b>EMR SU21L</b> 2 changers	
GM-I 10	<b>EMR SI23O</b> 1 NC contact, 1 NO contact	
GM-I 11	<b>EMR SI23P</b> 1 NC contact, 1 NO contact	

## Comparison list solid state relays

Old types	Replaced by	Differences
HRB D 2830	<b>HD D2825K</b>	New wide 22,5mm instead off 37,1mm
HRB D 6630 HRC D 6635	<b>HD D6035K</b>	New wide 22,5mm instead off 37,1mm bzw. 44,5mm
HRC D 6645 HRC D 6655	<b>HD D6050K</b>	New wide 22,5mm instead off 44,5mm
HRC D 6665	<b>HD D6075K</b>	New wide 22,5mm instead off 44,5mm
HRK 0,5C	<b>HK 0,9</b>	0,9°C/W
HRK 0,5LB 230	<b>HK 0,3 LB 230</b>	Offered only as a combination of fan and heat sink
HRK 0,8	<b>HK 0,9</b>	0,9°C/W
HRK 0,8LB 230	<b>HK 0,3 LB 230</b>	Offered only as a combination of fan and heat sink
HRK 1,7C	<b>HK 2,2</b>	2,2°C/W
HRK 5,0	<b>No Replacement</b>	
HRL 440 A 0,5R HRL 440 A 1,5R HRL 440 A 3,0R HRL 440 D 0,5R HRL 440 D 1,5R HRL 440 D 3,0R	<b>HL D5208R</b>	Only DC-Control 3x8,5A
HRL 480 A 25 HRL 480 A 40 HRL 480 A 55	<b>HL A5250</b>	3x50A
HRL 480 D 25 HRL 480 D 40 HRL 480 D 55	<b>HL D5250</b>	3x50A
HRM D 2403	<b>HM D2704</b>	New 4A instead off 3A
HRM D06D03	<b>HM D0603D</b>	
HRM PG1	<b>HM D2704 PG HM D0603D PG HM D6004 PG</b>	Available only in combination with relay
HRP 240 D3	<b>No Replacement</b>	
HRQ D 4810L	<b>HQ D6010L</b>	
HRQ D 4810H	<b>HQ D6010H</b>	
HRQ PG1	<b>HQ D6010L PG HQ D6010H PG</b>	Available only in combination with relay
HRS A 2410 HRS A 2425	<b>HS A2825</b>	Input 185...265Vac/dc Output 12...280/25A
HRS A 2450	<b>HS A5150</b>	Input 20...265Vac/dc Output 24...510VAC/50
HRS A 2490 HRS AD 4890E	<b>HS A5175</b>	Input 20...265Vac/dc Output 24...510VAC/75A

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Old types	Replaced by	Differences
HRS 240 D5 HRS 240 D10 HRS 240 D25 HRS D 2402 HRS D 2402 HRS D 2410 HRS D 2425	<b>HS D2825</b>	25A
HRS 440 D30 HRS D 4825	<b>HS D6035</b>	Output 24...600Vac/35A
HRS 240 D45 HRS 440 D45 HRS 530 D45 HRS D 2450 HRS D 4850 HRS D6650	<b>HS D6050</b>	Output 24...600Vac/50A
HRS D 4825D HRS D 4840D	<b>No Replacement</b>	
HRS 530 D80 HRS D 4890 HRS D 6690	<b>HS D6075</b>	Output 24...600Vac/75A
HRS D 48125	<b>HS D51125</b>	Output 24...510Vac/125A
HRS D 5325M HRS D 5350M	<b>HS D5135M</b>	Output 24...510Vac/35A
HRS D1D07 HRS D1D12 HRS D2D07 HRS D2D12	<b>HS D1120D</b>	Output 5...110Vdc/20A
HRS D1D40	<b>HS D1140D</b>	Output 5...110Vdc/40A
HRT D 4805H	<b>HT D6005H</b>	Output 24...600Vac
HRT D 4805L	<b>HT D6005L</b>	Output 24...600Vac
HRT PG1	<b>HM D6004 PG</b>	Available only in combination with relay
HRV A 4825 HRV A 5150	<b>HL A5250</b>	Output 24...520Vac/50A
HRV D 4825 HRV D 4850	<b>HL D5250</b>	Output 24...520Vac/50A
SA 2 SA 3	<b>No Replacement</b>	All relays have an existing terminal cover
TS 70 TS 90	<b>TS 90 M6</b>	Only for HK 0,9
V250 1PH V460 1PH V460 3PH	<b>No Replacement</b>	All relays have a surge protector
WLF 1PH WLF 3PH	<b>No Replacement</b>	All relays are supplied with heat conducting