

Last update 4 february 2011

Comparison list multifunctional and time relays

Old types	Replaced by	Differences
<p>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</p> <p>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</p> <p>RBL 1, RBL 2</p> <p>RTL, RTL 10, RTL 30, RTL 60</p> <p>RI 1, RT 1, RT 2, RT 3, RT 5, RT 6, RT 7, RT 8, RT 10, RT 12</p> <p>RZEA 30/40, RZIB 30/40, RZAB 30 U21P, U22P</p>	<p>MFT SU22P</p> <p>Multifunction, 2 changers, potential free control, zoomvoltage</p>	<ul style="list-style-type: none"> • Supply voltage 12-240 Vdc • Extended time ranges
<p>GWR, GWR 30 GZPS 20/21 GZW 20</p> <p>GZPS 20, GZPS 21, GZUS 30</p> <p>RZIB 40, RZEA 40</p> <p>U11S, U21S, U22S</p>	<p>MFT SU22S</p> <p>Multifunction, 2 changers, voltage controlled zoomvoltage</p>	<ul style="list-style-type: none"> • No potential free control • No wire straps • Supply voltage 12-240 Vdc • Extended time ranges
<p>GSR 1, GSR 2 GZEK 20/21</p>	<p>MFT U31S</p> <p>Multifunction, 1 changer, 1 immediate contact optional, voltage controlled</p>	<ul style="list-style-type: none"> • No potential free control • Optional with or without immediate contact • Supply voltage 24 Vac/dc and 110-240 Vac • At 24 Vac/dc connections on pin 2 and 7 • Extended time ranges
<p>GZU 30 E RT 5E</p>	<p>MFT U41SE</p> <p>Multifunction, 1 changer, 1 NC contact, voltage controlled</p>	<ul style="list-style-type: none"> • No potential free control • Supply voltage 24 Vac/dc and 110-240 Vac • At 24 Vac/dc connections on pin 2 and 7 • External potentiometer on pin 6 and 8 • External potentiometer 1MΩ • 1 Changer and 1 NC contact • Extended time ranges

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	MFT ST22S Cycling timer, Delay on and delay off, 2 changers	<ul style="list-style-type: none"> • No potential free control • Supply voltage 12 ... 240 Vac/dc • Extended time ranges
GZT 30 E	MFT T51SE Cycling timer, Delay on and delay off, Ext. potmeter, 1 NC contact, 1 NO contact	<ul style="list-style-type: none"> • Supply voltage 24 Vac/dc and 110-240 Vac • At 24 Vac/dc connections on pin 2 and 7 • External potentiometer on pin 3, 6 and 8 • 1 NC contact and 1 NO contact • Extended time ranges
GSL 1 GZAH 20 A21S	MFT SA23S Delay off without supply voltage, 2 changers	<ul style="list-style-type: none"> • Supply voltage 24 ... 240 Vac/dc
GSD 1 GZD 20 S21S	MFT SS22S Star-delta relay , 2 changers	<ul style="list-style-type: none"> • Supply voltage 12 ... 240 Vac/dc • Change-over time for star-delta switching adjustable • Extended time ranges
GZED, GZED 20 GZUD 30 D42S	No replacement	

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

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

Comparison list solid state relays

Old types	Replaced by	Differences
HRS 240 D5 HRS 240 D10	HRS D 2410	
HRS 240 D25	HRS D 2425	
HRS 240 D45	HRS D 2450	
HRS 440 D30 HRS 440 D45 HRS 530 D45	HRS D 4850	
HRS 530 D80	HRS D 4890	
HRS 240 A10	HRS A 2410	
HRS 240 A30 HRS 240 A45	HRS A 2450	
HRM 240 D3	HRM D 2403	
HRP 240 D3	Kein Ersatz	

No responsibility for correctness of this information