Cross-references chart

time relays

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	full substitution	SH - for ON of start impulse
	compatible	NH - for OFF of start impulse
P - changeover contact		S - switching contact

Producer	Type	Power supply	Number of function	Time range	Number of output contact	CRM-91H	CRM-93H	CRM-2H	CRM-2T	PDR-2 (PDR-3	CRM-9S	CRM-82TO	CRM-91HE	Function description
rotary switch, multifunction, 10 functions, time scale 0.1s-10days, 1x16A output														
rotary switch, multifunction, 10 functions, time scale 0.1s-10days, 3x8A output														
asymmetric cycler, two independent times 0.1s-100days, 1x16A output														
star-delta delay, time for star 0.1s-100days, delay 0.1-1s														
programmable digital relay, 16 functions, 60 memory locations, time 0.01s-100h, 2x16A output , (3 versions)														
rotary switch, multifunction, 10 functions, time scale 0.1s-10days, 1x0,7A contactless output														
delay OFF without supply voltage, 2functions, time to 10min., 2x8A output														
rotary switch,multifunction,10functions,time scale 0.1s-10days,1x16A output,controlling via external potentiometer														
ABB		/ Germany												
module CT-..D	E234 CT MFD	AC/DC 24-230V	7	0.05s-100h	2x6A P									multifunction
	E234 CT ERD	AC/DC 12-230V	1	0.05s-100h	2x6A P									Delay ON
	E234 CT AHD	AC/DC 12-230V	1	0.05s-100h	2x6A P									Delay OFF
	E234 CT VWD	AC/DC 12-230V	1	0.05s-100h	2x6A P									Delay ON
	E234 CT EBD	AC/DC 12-230V	1	0.05s-100h	2x6A P									Symmetric cycler
	E234 CT TGD	AC/DC 12-230V	1	0.05s-100h	1x6A P									Pulse generator
Industry CT-..S	CT MFS	AC/DC 24-240V	8	0.05s-300h	2x4A P									multifunction
	CT MVS	AC/DC 24,48V, AC 110-240V	8	0.05s-300h	2x4A P									multifunction
	CT MBS	AC/DC 24,48V, AC 110-240V	8	0.05s-300h	2x4A P									multifunction
	CT MBS	AC/DC 24,48V, AC 110-240V	6	0.05s-300h	1x4A P									multifunction
	CT ERS	AC/DC 24,48V, AC 110-240V	1	0.05s-300h	2x4A P									Delay ON
	CT AHS	AC/DC 24,48V, AC 110-240V	1	0.05s-300h	2x4A P									Delay OFF without Un
	CT APS	AC/DC 24,48V, AC 110-240V	1	0.05s-300h	2x4A P									Delay OFF without Un
	CT ARS	AC/DC 24-240V	1	0.05s-10min	1x4A P									Delay OFF without Un
	CT VBS	DC 110-127V, 200-240V	1	0.05s-10min	1x4A P									Delay OFF without Un
	CT EAS	AC/DC 24,48V, AC 110-240V	1	0.05s-300h	2x4A P									symmetric cycler
	CT EVS	AC/DC 24,48V, AC 110-240V	1	0.05s-300h	1x4A P									cycler 1:1
	CT VWS	AC/DC 24, AC 110-240V	1	0.05s-300h	2x4A P									Delay ON
	CT AWS	AC/DC 24,48V, AC 110-240V	1	0.05s-300h	2x4A P									Delay OFF
	CT EBS	AC/DC 24,48V, AC 110-240V	1	0.05s-300h	2x4A P									symmetric cycler
	CT TGS	AC/DC 24,48V, AC 110-240V	1	0.05s-300h	1x4A P									Pulse generator
	CT YDAV	AC/DC 24,48V, AC 110-240V	1	0.05s-300h	2x4A P									with function star/delta
	CT YDEW	AC/DC 24,48V, AC 110-240V	1	0.05s-300h	1x4A P									with function star/delta
Industry CT-..E	CT MFE	AC/DC 24-240V	6	0.05s-100h	2x4A P									multifunction
	CT ERE	AC/DC 24V, AC 220-240V	1	0.1s-30min	2x4A P									Delay ON
	CT AHE	AC/DC 24V, AC 220-240V	1	0.1s-300s	2x4A P									Delay OFF
	CT ARE	AC/DC 24V, AC 220-240V	1	0.1s-30s	1x4A P									Delay OFF without Un
	CT VWE	AC/DC 24V, AC 220-240V	1	0.1s-300s	2x4A P									Delay ON
	CT AWE	AC/DC 24V, AC 220-240V	2	0.05s-300s	2x4A P									Delay OFF (without Un)
	CT EBE	AC/DC 24V, AC 220-240V	1	0.1s-10s	2x4A P									symmetric cycler
	CT YDE	AC/DC 24V, AC 220-240V	1	0.1s-300s	1x4A P									with function star/delta
	CT SDE	AC/DC 24V, AC 220-240V	1	0.3s-30s	1x4A P									with function star/delta
	CT MKE	AC/DC 24-240V	4	0.1s-300s	1x0.8A tr									multifunction
	CT EKE	AC/DC 24-240V	1	0.1s-300s	1x0.8A tr									Delay ON
	CT AKE	AC 24-240V	1	0.1s-300s	1x0.8A tr									Delay OFF
Allen Bradley		/ USA												
module	700-FEM 1RU22	AC110-240V, AC/DC24V	4	0.75s-1h	1x6A S									multifunction
	700-FEM 3TU23	AC24-240V, DC24-48V	4	0.05s-10h	1x6A P									multifunction
	700-FEA 1SU22	AC110-240V, AC/DC24V	1	0.75s-1h	1x6A S									Delay ON
	700-FEA 3TU23	AC24-240V, DC24-48V	1	0.75s-1h	1x6A P									Delay ON
	700-FEB 1SU22	AC110-240V, AC/DC24V	1	0.75s-1h	1x6A S									Delay OFF
	700-FEB 3TU23	AC24-240V, DC24-48V	1	0.75s-1h	1x6A P									Delay OFF
	700-FED 1SU22	AC110-240V, AC/DC24V	1	0.75s-1h	1x6A S									Delay OFF with impulse
	700-FED 3TU23	AC24-240V, DC24-48V	1	0.75s-1h	1x6A P									Delay OFF with impulse
	700-FEE 3TU23	AC110-240V, AC/DC24V	1	0.75s-1h	1x6A S									Delay OFF
	700-FEF 1SU22	AC110-240V, AC/DC24V	1	0.05s-1h	1x6A S									symmetric cycler
	700-FEF 3TU23	AC24-240V, DC24-48V	1	0.05s-10h	1x6A S									symmetric cycler
	700-FEL 3TU23	AC110-240V, AC/DC24V	1	0.05s-10h	1x6A S									pulsed
	700-FEY 2QU23	AC110-240V, AC/DC24V	1	0.1s-24h	1x10A P									star/delta
	700-FSA 4UZ12	DC 12V	1	0.1s-24h	2x10A P									Delay ON
	700-FSA 4UU23	AC110-240V, AC/DC24V	1	0.1s-24h	2x10A P									Delay ON
	700-FSB 4UZ12	DC 12V	1	0.1s-24h	2x10A P									Delay OFF
	700-FSB 4UU23	AC110-240V, AC/DC24V	1	0.1s-24h	2x10A P									Delay OFF
	700-FSM 3UZ12	DC 12V	8	0.1s-24h	1x10A P									multifunction
	700-FSM 3UU23	AC110-240V, AC/DC24V	8	0.1s-24h	1x10A P									multifunction
	700-FSM 4UZ12	DC 12V	8	0.1s-24h	1x10A P									multifunction
	700-FSM 4UU23	AC110-240V, AC/DC24V	8	0.1s-24h	1x10A P									multifunction
	700-FSQ 4QU18	AC24-240V, DC24-48V	1	0.15s-10min	2x10A P									Delay OFF (without Un)
	700-FSR36	AC110-240V, AC/DC24V	1	0.1s-24h	1x10A P									asymmetric cycler
	EZ12ARV-001		1	0.1s-4h	1x10A P									prolonged impulse

Producer	Type	Power supply	Number of function	Time range	Number of output contact	CRM-91H	CRM-93H	CRM-2H	CRM-2T	PDR-2 (PDR-3	CRM-9S	CRM-82TO	CRM-91HE	Function description
ABL Sursum		/ Germany												
module	MR10230	AC/DC 12-48V	7	0.1s-16h	1x12A P	■								multifunction
	ER 112ZA1	AC 110-230V	1	0.1s-16m	1x12A P	■								Delay OFF
	ER 112ZT1		1	0.1s-16m	1x12A P	■								cycler
	ER 112ZW1		1	0.1s-16m	1x12A P	■								Delay OFF, impulse
ALSTOM		/ Poland												
module	RTx-210	DC 12V, AC 220/230V	1	0.1s-100h	1x5A P	■								Delay ON
	RTx-211	DC 12V, AC 220/230V	1	0.1s-100h	1x5A P	■								Delay OFF
	RTx-210	DC 12V, AC 220/230V	1	0.1s-100h	1x5A P	■								cycler - pause beginning
	RTx-210	DC 12V, AC 220/230V	1	0.1s-100h	1x5A P	■								cycler - impulse beginning
	RTx-220	DC 12V, AC 220/230V	4	0.1s-100h	2x5A P		■							multifunction
	RTx-230	DC 12V, AC 220/230V	4	0.1s-100h	2x5A P			■						asymmetric cycler
BTR Electronic systems		/ Germany												
module	MARk E08	AC/DC 24V, AC 230V	2	0.15s-10h	1x6A P	■								Delay ON
	MFRk E08	AC/DC 24V, AC 230V	6	0.05s-30h	1x6A P	■								multifunction
	MFRk E12	AC/DC 24V, AC 230V	6	0.15s-10h	2x4A P		■							multifunction
	MFRs E12	AC/DC 20-265V	6	0.15s-10h	1x4A P	■								multifunction
	MZAk E10	AC/DC 24V, AC 230V	1	0.15s-10h	1x6A P	■								Delay ON
	MZAk E12	AC/DC 24V, AC 230V	1	0.15s-10h	2x4A P		■							Delay ON
	RTLk E10	AC/DC 24V, AC 230V	1	0.05s-10h	1x6A P	■								Delay ON
	RTLk E12	AC/DC 24V, AC 230V	1	0.15s-10h	2x4A P		■							Delay ON
	RTLu E12	AC/DC 24V, AC 230V	1	0.15s-10h	2x4A P		■							Delay ON
	VZE E10	AC/DC 24-110V, 80-230V	1	0.15-100s	1x0.8A tr						■			Delay ON
	RASk E10	AC 230V	1	0.5s-10h	1x6A P	■								Delay ON
	RASk E12	AC/DC 24V, AC 230V	1	0.15s-10h	2x4A P		■							Delay OFF
	RKAk E10	AC/DC 24V, AC 230V	1	0.15s-1h	1x6A P							■		Delay OFF without Un
	EWEk E10	AC/DC 24V, AC 230V	1	0.05s-10h	1x6A P	■								symmetric cycler
	REWk E10	AC/DC 24V, AC 230V	1	0.5s	1x6A P	■								Pulse generator
	RAWk E10	AC/DC 24V, AC 230V	1	0.5s	1x6A P							■		Delay OFF without Un
	RTBk E10	AC/DC 24V, AC 230V	1	0.5s	1x6A P	■								Pulse generator
	TERk E08	AC/DC 24V, AC 230V	1	0.15s-10h	1x6A P			■						asymmetric cycler
	VEIk E10	AC/DC 24V, AC 230V	1	0.5s-100s	1x6A P					■				shift of impulse
	RSDw E10	AC/DC 24V, AC 230V	1	0.5s-100s	1x6A P				■					star/delta
	RSD E10	AC/DC 24V, AC 230V	1	0.5s-30s	2x6A P				■					star/delta
Carlo Gavazzi		/ Italy												
module	DAA01C M24	DC 24V, AC 24-240V	1	0.1s-100h	1x5A P	■								Delay ON
	DAA01D M24	DC 24V, AC/DC 24-240V	1	0.1s-100h	2x5A P		■							Delay ON
	DAA51C M24	DC 24V, AC 24-240V	1	0.1s-100h	1x5A P	■								Delay ON
	DBB01C M24	DC/AC 24-240V	1	0.1s-600s	1x5A P							■		Delay OFF without Un
	DBB01D M24	DC/AC 24-240V	1	0.1s-600s	1x5A P							■		Delay OFF without Un
	DBB02C M24	DC/AC 24-240V	1	1min-10h	1x5A P	■								Delay OFF
	DBB02D M24	DC/AC 24-240V	1	1min-10h	1x5A P	■								Delay OFF
	DBB51C M24	DC 24V, AC 24-240V	1	1s-600s	1x5A P							■		Delay OFF without Un
	DCB01C M24	AC 24-240V	4	0.1s-100h	1x5A P			■						asymmetric cycler
	DCB01D M24	DC/AC 24-240V	4	0.1s-100h	2x5A P			■						asymmetric cycler
	DCB51C M24	DC 24V, AC 24-240V	2	0.1s-120h	1x5A P			■						asymmetric cycler
	DMB01C M24	AC 24-240V	7	0.1s-100h	1x5A P	■								multifunction
	DMB01D M24	DC/AC 24-240V	7	0.1s-100h	2x5A P		■							multifunction
	DMB51C M24	AC 24-240V	7	0.1s-100h	1x5A P	■								multifunction
	DMB51D W24	DC/AC 12-240V	7	0.1s-100h	1x5A P	■								multifunction
	DMC01C		7	0.1s-100h	1x5A P	■								multifunction
	DHA51C M24	AC/DC 24V, AC 24-240V	1	0.1s-120h	1x5A P					■				programmable relay
	DAC01C M24	DC/AC 24-240V	1	0.1s-600s	1x5A P				■					star/delta
	DAC51C M24	DC/AC 24-240V	1	0.1s-600s	1x5A P				■					star/delta
	EAS, EBS, ECS	DC/AC 24-240V	1	0.5s-10min	1x0.5A tr						■			Delay ON, OFF, cycler sym.
Crouzet Schneider - electric		/ France												
industry	TUR1	AC 24-240V	10	0.1s-100h	1x8A P	■								1 contact
	TU2R1	DC 24V	10	0.1s-100h	2x8A P		■							2 contact
	TQR1		1	0.1s-100h	2x8A S				■					star/delta
	other 11 monofunction types with individual supply													substitution of CRM-93H
module	MUR1	AC 24-240V	10	0.1s-100h	1x8A P	■								multifunction
	MAR1	DC 24V	1	0.1s-100h	1x8A P	■								Delay ON
	MBR1		1	0.1s-100h	1x8A P	■								Delay OFF, NH
	MCR1		1	0.1s-100h	1x8A P	■								Delay OFF, SH
	MHR1		1	0.1s-100h	1x8A P	■								Delay OFF
	MLR1		1	0.1s-100h	1x8A P			■						asymmetric cycler
	MUR4	AC/DC 12V	10	0.1s-100h	1x8A P	■								multifunction, na 12V
	MUR3	AC/DC 12-240V	10	0.1s-100h	1x8A P	■								multifunction, multivoltage

Producer	Type	Power supply	Number of function	Time range	Number of output contact	CRM-91H	CRM-93H	CRM-2H	CRM-2T	PDR-2 (PDF	CRM-9S	CRM-82TO	CRM-91HE	Function description
Comat		/ Switzerland												
module	CRE 1	DC 24V, AC 115, 230V	1	0.5s-30min	1x6A S	■								Delay ON
	CRA 1	DC 24V, AC 115, 230V	1	0.5s-30min	1x 6A P	■								Delay OFF
	AE 2	DC 24V, AC 110, 220-240V	1	0.8s-1.5min	1x10A P	■								Delay ON
	AE 2M	DC 24V, AC 110, 220-240V	1	0.1min-12min	1x10A P	■								Delay ON
	AA 2	DC 24-60V, DC 110-240V	1	0.8s-1.5min	1x6A P	■								Delay OFF
	AA 2M	DC 24V, AC 115, 230V	1	0.1min-12min	1x6A P	■								Delay OFF
	CY 1	DC 24-60V, DC 110-240V	1	0.1s-12h	1x6A P				■					star/delta
	ECO 31	DC 24V, AC 115, 230V	3	0.5s-20min	1x6A P	■								multifunction
	ECO 32	DC 24V, AC 115, 230V	2	0.1s-12h	1x6A P	■								multifunction
	CRV 1	DC 24V, AC 115, 230V	3	0.5s-30min	1x6A P	■								multifunction
	CRV 2	DC 24V, AC 115, 230V	2	0.05s-60h	1x6A P	■								multifunction
	CSV 2	DC 24V	2	0.01s-10h	1x1.5A tr						■		■	multifunction
	CRV 3	DC 24V, AC 115, 230V	1	0.05s-60h	1x6A P			■						asymmetric cycler
	CRT 3	DC 24V, AC 115, 230V	1	0.05s-60h	1x6A P			■						asymmetric cycler
	AM 1	DC 24-60V, DC 110-240V	1	0.5s-60min	1x10A P	■								symmetric cycler
	AM 2	DC 24V, AC 110, 220-240V	1	0.5s-60min	1x10A P	■								symmetric cycler
	AM 3	DC 24V, 110V AC 220-240V	1	0.5s-60min	2x10A P					■				multifunction
	CM 1 (CM1L)	DC 24-60V, DC 110-240V	1	0.05s-12h	1x6A P	■								multifunction
	CM 2	DC 24-60V, DC 110-240V	1	0.3s-12h	2x6A P		■						■	multifunction
	CNR 1	DC 24-60V, DC 110-240V	1	0.1s-12min	1x5A P							■		Delay ON without Un
	CT 1 (CT1L)	DC 24-60V, DC 110-240V	1	0.1s-30h	1x6A P			■						asymmetric cycler
DOLD		/ Germany												
module	IK 7817/200	AC/DC 24-240V	8	0.05s-30h	1x5A P	■								multifunction
	IK 7814	AC/DC 24-240V	1	0.1s-640min.	1x5A P	■								Delay ON
	IK 7825	AC/DC 24-240V	1	0.1s-60min.	2x5A P		■							Delay ON
	IK 7819 (7823)	AC/DC 24-240V	1	0.1s-640min.	1x5A P	■								Delay OFF
	IK 7818	AC 110-127, 220-240V	1	0.1s-100s	2x3A P				■					star-delta
EBERLE		/ Germany												
module	IZM-1	DC 24V, AC 110-240V	8	0.1s-10days	1x8A P	■								multifunction, 1 contact
	IZML-1	AC/DC 12-60V	8	0.1s-10days	1x8A P	■								multifunction, 1 contact
	IZA-1	DC 24V, AC 110-240V	1	0.1s-10days	1x8A P	■								Delay ON
	IZR-1	DC 24V, AC 110-240V	1	0.1s-10days	1x8A P	■								Delay OFF
	IZT-1	DC 24V, AC 110-240V	1	0.1s-10days	1x8A P			■						asymmetric cycler
Finder		/ Italy												
module new	80.01.0.240	AC/DC 12-240V	6	0.1s-20h	1x16A P	■								multifunction
	80.11.0.024	AC/DC 24V	1	0.1s-20h	1x16A P	■								Delay ON
	80.11.8.240	AC 230..240V	1	0.1s-20h	1x16A P	■								Delay ON
	80.21.0.024	AC/DC 24V	1	0.1s-20h	1x16A P	■								Delay OFF
	80.21.8.240	AC 230..240V	1	0.1s-20h	1x16A P	■								Delay OFF
	80.41.0.024	AC/DC 24V	1	0.1s-20h	1x16A P	■								Delay OFF
	80.41.8.240	AC 230..240V	1	0.1s-20h	1x16A P	■								Delay OFF, SH
	80.61.0.240	AC/DC 24-240V	1	0.1s-20h	1x16A P	■								asymmetric cycler
	80.82.0.240	AC/DC 12-240V	1	0.1s-20m	1x6A P				■					star/delta
	80.91.0.240	AC/DC 12-240V	1	0.1s-20h	1x16A P			■						asymmetric cycler
module (SAIA)	82.01.0.240	AC 24-240V, DC 24-48V	4	0.05s-10h	1x5A P	■								multifunction 2 contacts
	82.11.0.240	AC 24-240V, DC 24-48V	1	0.05s-10h	1x5A P	■								Delay ON
	82.21.0.240	AC 24-240V, DC 24-48V	1	0.05s-10h	1x5A P	■								Delay OFF
	82.31.0.240	AC 24-240V, DC 24-48V	1	0.05s-10h	1x5A P	■								cycler
	82.41.0.240	AC 24-240V, DC 24-48V	1	0.05s-10h	1x5A P	■								Delay OFF, SH
	82.82.0.240	AC 24-240V, DC 24-48V	1	0.05s-10h	2x5A P				■					star/delta
industry	87.01.0.240	AC 24-240V, DC 24-48V	8	0.05s-60h	1x8A P	■								multifunction 1 contact
	87.02.0.240	AC 24-240V, DC 24-48V	8	0.05s-60h	2x8A P	■								multifunction 2 contacts
	87.11.0.240	AC 24-240V, DC 24-48V	1	0.05s-60h	1x8A P	■								Delay ON
	87.21.0.240	AC 24-240V, DC 24-48V	1	0.05s-60h	1x8A P	■								Delay OFF
	87.31.0.240	AC 24-240V, DC 24-48V	1	0.05s-60h	1x8A P	■								cycler
	87.41.0.240	AC 24-240V, DC 24-48V	1	0.05s-60h	1x8A P	■								Delay OFF, SH
	87.61.0.240	AC/DC 24-240V	1	do 1.18min	1x5A P							■		Delay OFF without Un
	87.62.0.240	AC/DC 24-240V	1	do 1.18min	2x5A P							■		Delay OFF without Un
	87.82.0.240	DC 24-48V	1	0.05m-1m	2x8A P				■					star/delta
	87.91.0.240	AC 24-240V	1	0.05s-60h	1x8A P			■						asymmetric cycler
F&F		/ Poland												
module	PCA - 512	AC/DC 24V, AC 230V	1	0.1s-24h	1x10A P	■								Delay OFF
	PCA - 514	AC/DC 24V, AC 230V	1	0.1s-24h	1x10A P	■								Delay OFF
	PCR - 513	AC/DC 24V, AC 230V	1	0.1s-24h	1x10A P	■								Delay ON
	PCR - 515	AC/DC 24V, AC 230V	1	0.1s-24h	1x10A P	■								Delay ON
	PCU - 510	AC/DC 24V, AC 230V	4	0.1s-24h	2x5A P		■							multifunction
	PCU - 511	AC/DC 24V, AC 230V	4	0.1s-24h	1x10A P	■								multifunction
	PCS - 516	AC/DC 24V, AC 230V	10	0.1s-24h	1x10A P	■								multifunction
	PCU - 520	AC/DC 24V, AC 230V	4	0.1s-24h	2x8A P					■				multifunction
	PO - 415	AC/DC 24V, AC 230V	1	1min-15min	1x16A P	■								Delay OFF
	PCG - 417	AC/DC 24V, AC 230V	1	1s-200s	1x10A P				■					star/delta

Producer	Type	Power supply	Number of function	Time range	Number of output contact	CRM-91H	CRM-93H	CRM-2H	CRM-2T	PDR-2 (PDR-3	CRM-9S	CRM-82TO	CRM-91HE	Function description
GE Power Controls		/ USA												
module	V328-000 810		1	0.1s-1h		■								Delay ON
	V328-000 811		1	0.1s-1h		■								Delay OFF
	V328-000 813		1	0.1s-1h		■								Delay ON with supply
	V328-000 814		1	0.1s-1h		■								cycler
GEYER		/ Germany												
module	ER 105 ZM	AC/DC 12-240V	12	0.05s-10days	1x5A P	■								multifunction, (TELE/ODM-1)
	ER 105 ZM1	AC/DC 12-60V	12	0.05s-10days	1x5A P	■								multifunction, (TELE/ODM-1)
	ER 105 ZA1	AC/DC 12-240V	8	0.05s-10days	1x5A P	■								multifunction, (TELE/ODM-1)
	ER 112 ZM	AC/DC 24-230V	7	0.1s-16h	1x12A P	■								multifunction
	ER 112 ZA1	AC/DC 24-230V	1	0.1s-16m	1x12A P	■								Delay OFF
	ER 112 ZT1	AC/DC 24-230V	1	0.1s-16m	1x12A P	■								cycler
	ER 112 ZW1	AC/DC 24-230V	1	0.1s-16m	1x12A P	■								Delay OFF, impulse
	ER 116 N	AC 230V	1	25s-12m	1x16A P	■								Delay OFF
Hiquel		/ Austria												
module	TM01	AC230, AC/DC24V	8	0.1s-10h	2x5A P		■							multifunction
	TM16	AC 115 - 230V	8	0.1s-10h	1x5A P	■								multifunction
	TM20	AC/DC 24-240V	8	0.1s-10h	1x5A P	■								multifunction
	TM21	AC/DC 24-240V	8	0.1s-10h	2x5A P		■							multifunction
	TM41	AC230, AC/DC24V	8	0.1s-10h	2x5A P		■							multifunction
	TM42	AC 115 - 230V	8	0.1s-10h	1x5A P	■								multifunction
	TM71	AC/DC 24-240V	8	0.1s-10h	2x5A P		■							multifunction
	TM72	AC/DC 24-240V	8	0.1s-10h	1x5A P	■								multifunction
	TM81	AC/DC 24-240V	8	0.1s-10h	2x5A P		■							multifunction
	TM82	AC/DC 24-240V	8	0.1s-10h	1x5A P	■								multifunction
	T3F	AC/DC 24-240V	5	0.1s-10h	1x5A P	■								multifunction
	TE01	AC230, AC/DC24V	1	0.1s-10h	2x5A P		■							Delay ON
	TE04	AC 115 - 230V	1	0.1s-10h	2x5A P		■							Delay ON
	DER230	AC230, AC/DC24V	1	0.1s-10h	1x5A P	■								Delay ON
	DER115	AC115V, AC/DC24V	1	0.1s-10h	1x5A P	■								Delay ON
	TE41	AC230, AC/DC24V	1	0.1s-10h	2x5A P		■							Delay ON
	TE42	AC230, AC/DC24V	1	0.1s-10h	1x5A P	■								Delay ON
	TR01	AC230, AC/DC24V	1	0.1s-10h	2x5A P		■							Delay OFF SH
	TR04	AC115V, AC/DC24V	1	0.1s-10h	2x5A P		■							Delay OFF SH
	TR12	AC230	1	0.1s-10h	1x5A P	■								Delay OFF SH
	TR13	AC/DC24V	1	0.1s-10h	1x5A P	■								Delay OFF SH
	TR15	AC 115V	1	0.1s-10h	1x5A P	■								Delay OFF SH
	TR41	AC230, AC/DC24V	1	0.1s-10h	2x5A P		■							Delay OFF SH
	TR42	AC230, AC/DC24V	1	0.1s-10h	1x5A P	■								Delay OFF SH
	TB01	AC230, AC/DC24V	1	0.1s-10h	2x5A P		■							symmetric cycler
	TB04	AC 115 - 230V	1	0.1s-10h	1x5A P	■								symmetric cycler
	DBR230	AC230, AC/DC24V	1	0.1s-10h	1x5A P	■								symmetric cycler
	DBR115	AC115V, AC/DC24V	1	0.1s-10h	1x5A P	■								symmetric cycler
	TB41	AC230, AC/DC24V	1	0.1s-10h	2x5A P		■							symmetric cycler
	TB42	AC230, AC/DC24V	1	0.1s-10h	1x5A P	■								symmetric cycler
	TW01	AC230, AC/DC24V	1	0.1s-10h	2x5A P		■							Delay OFF
	TW04	AC 115 - 230V	1	0.1s-10h	1x5A P	■								Delay OFF
	DWR230	AC230, AC/DC24V	1	0.1s-10h	1x5A P	■								Delay OFF
	DWR115	AC115V, AC/DC24V	1	0.1s-10h	1x5A P	■								Delay OFF
	TA01	AC230, AC/DC24V	1	1s-3min	2x5A P							■		Delay OFF without Un
	TA02	AC230	1	1s-3min	1x5A P							■		Delay OFF without Un
	TS02	AC 230V	1	0.8s-60s	2x5A P				■					star/delta
	TS03	AC/DC 24V	1	0.8s-60s	2x5A P				■					star/delta
	TS05	AC 115V	1	0.8s-60s	2x5A P				■					star/delta
	TS42	AC/DC 24V AC 230V	1	0.8s-60s	2x5A P				■					star/delta
	TS44	AC/DC 24V, AC 115V	1	0.8s-60s	2x5A P				■					star/delta
	TI01	AC 230V	1	0.1s-10h	2x5A P			■						asymmetric cycler
	TI04	AC/DC 24V	1	0.1s-10h	2x5A P			■						asymmetric cycler
	TI230	AC 115V	1	0.1s-10h	1x5A P			■						asymmetric cycler
	TI115	AC/DC 24V AC 230V	1	0.1s-10h	1x5A P			■						asymmetric cycler
	TI41 (TI42)	AC/DC 24V, AC 115V	1	0.1s-10h	2x5A P			■						asymmetric cycler
	DES (PES)	AC/DC 12-240V	1	0.1s-10h	1x0.7A tr						■			Delay ON

Producer	Type	Power supply	Number of function	Time range	Number of output contact	CRM-91H	CRM-93H	CRM-2H	CRM-2T	PDR-2 (PDR-3	CRM-9S	CRM-82TO	CRM-91HE	Function description
Hager		/ France												
module	EZ001	AC12, 24-230V. DC12, 24-48V	1	0.1s-10h	1x10A P	■								Delay ON
	EZ002	AC12, 24-230V. DC12, 24-48V	1	0.1s-10h	1x10A P	■								Delay OFF, SH
	EZ003	AC12, 24-230V. DC12, 24-48V	1	0.1s-10h	1x10A P	■								Delay OFF
	EZ004	AC12, 24-230V. DC12, 24-48V	1	0.1s-10h	1x10A P	■								Delay OFF, NH
	EZ005	AC12, 24-230V. DC12, 24-48V	1	0.1s-10h	1x10A P	■								cycler
	EZ006	AC12, 24-230V. DC12, 24-48V	6	0.1s-10h	1x10A P	■								multifunction
Legrand		/ France												
module	047 40	AC/DC 24V, AC110-240V	1	0.1s-10h	1x8A S	■								Delay ON
	047 41	AC/DC 24V, AC110-240V	1	0.1s-10h	1x8A S	■								Delay OFF, SH
	047 42	AC/DC 24V, AC110-240V	1	0.1s-10h	1x8A S			■						asymmetric cycler
	047 43	AC/DC 24V, AC110-240V	1	0.1s-10h	1x8A S	■								Delay OFF, NH
	047 44	AC/DC 24V, AC110-240V	4	0.1s-10h	1x8A S	■								multifunction
	047 45	AC/DC 24V, AC110-240V	1	0.1s-10h	1x8A S	■								Delay OFF
Lovato		/ Italy												
module (new)	TM P	DC 24-48V, AC 24-240V	1	0.1s-10days	1xA P	■								Delay ON
	TM M1	AC/DC 12-240V	10	0.1s-10days	1xA P	■								multifunction
	TM M2	AC/DC 12-240V	10	0.1s-10days	2xA P/S		■							multifunction (1xchan.+1xswi.)
	TM PL	AC/DC 12-240V	1	0.1s-10days	1xA P			■						asymmetric cycler
	TM D	AC/DC 24-240V	1	0.06s-2min	1xA P							■		Delay OFF, without Un
	TM ST	AC 24-240V	1	0.1s-10min	2xA S				■					star/delta
module	L45T1S240	AC 24-240V, DC 24V	1	0.1-1s	1x16A P	■								Delay ON
	L45T10S240	AC 24-240V, DC 24V	1	1-10s	1x16A P	■								Delay ON
	L45T1M240	AC 24-240V, DC 24V	1	6-60s	1x16A P	■								Delay ON
	L45T10M240	AC 24-240V, DC 24V	1	1-10min	1x16A P	■								Delay ON
	L45T1H240	AC 24-240V, DC 24V	1	6-60min	1x16A P	■								Delay ON
	L45T10H240	AC 24-240V, DC 24V	1	1-10h	1x16A P	■								Delay ON
	L45TP240	AC 24-240V, DC 24V	1	0.1-10h	1x16A P	■								Delay ON
	L45M1240	AC 24-240V, DC 24V	8	0.1-10h	1x16A P	■								multifunction
	L45M3240	AC/DC 12-240V	8	0.1-10h	3x8A P		■							multifunction
	L45PLM240	AC 24-240V, DC 24V	1	6-60s/1-10m	1x16A P			■						asymmetric cycler
	L45PLH240	AC 24-240V, DC 24V	1	6-60s/1-10h	1x16A P			■						asymmetric cycler
	L45PLS240	AC 24-240V, DC 24V	1	0.1-1s/1-10s	1x16A P			■						asymmetric cycler
industry	BTPM (BTPM1)	AC/DC 24V	8	0.3-768min	2x8A P		■							multifunction
	AT1	AC 24V, 100-240V, 220-440V	1	0.3s-60min	1x8A P	■								Delay ON
	AT1P	AC 24V, 100-240V, 220-440V	1	0.3-768s	1x8A P	■								Delay ON
	AT1C	AC/DC 12-24V 48-60, 110-125	1	0.3s-60min	1x8A P	■								Delay ON
	AT1CP	AC/DC 12-24V 48-60, 110-125	1	0.3-768s	1x8A P	■								Delay ON
	ATD		1	0.3-768s	1x8A P							■		Delay OFF, without Un
	AT1DP		1	0.3-3m	1x8A P	■								Delay OFF NH
	BT2N		1	3-60s	1x8A P				■					star/delta
	DRPL		1	0.3-120m	2x8A P			■						asymmetric cycler
MANG														
module	RPM	AC/DC 24V nebo AC230V	3	0.1s-60min.	1x16A P	■								multifunction, possible 30s-20h
	RRS	AC/DC 24V nebo AC230V	1	0.1s-60min.	1x16A P	■								symmetric cycler
	RPI	AC/DC 24V nebo AC230V	1	0.1s-60min.	1x16A P	■								Delay OFF after impulse
	RTD	AC 230V	1	0.1s-60sec	1A stat.			■						cycler - impulse beginning
Moeller Felten&Guilleaume		/ Germany												
X-pole **module**	Z-ZRER / W	AC/DC 24V, DC 110-240V	2	0.05s-10h	1x8A P	■								e+r
	Z-ZREWI / W	AC/DC 24V, DC 110-240V	2	0.05s-10h	1x8A P	■								e+w
	Z-ZRTAK / WW	AC/DC 24V, DC 110-240V	2	0.05s-10h	2x8A P			■						ii+ip
	Z-ZRMF / W	AC/DC 24V, DC 110-240V	8	0.05s-10h	1x8A P	■								e,r,w,es,ew,aw,b,st
	Z-ZRBLI / W	AC/DC 24V, DC 110-240V	2	0.05s-10h	1x8A P	■								b,bi
	Z-ZRMF / WW	AC/DC 24V, DC 110-240V	8	0.05s-10h	2x8A P		■							e,r,w,es,ew,aw,b,st
industry	ETR4-11-A	AC/DC 24-240V	1	0.05s-100h	1x3A P	■								Delay ON
	ETR4-51-A	AC/DC 24-240V	1	3-60s	2x3A S				■					star/delta
	ETR4-69-A	AC/DC 24-240V	8	0.05s-100h	1x3A P	■								multifunction
	ETR4-70-A	AC/DC 24-240V	8	0.05s-100h	2x3A P		■							multi - extern potentiometer
Merlin-Gerin Schneider - electric		/ France												
module	RTMF	AC/DC 12-240V	5	0.1s-100h	1x8A P	■								multifunction
	RTA	AC 24-240V,DC 24V	1	0.1s-100h	1x8A P	■								Delay ON
	RTB	AC 24-240V,DC 24V	1	0.1s-100h	1x8A P	■								Delay OFF, NH
	RTC	AC 24-240V,DC 24V	1	0.1s-100h	1x8A P	■								Delay OFF, SH
	RTH	AC 24-240V,DC 24V	1	0.1s-100h	1x8A P	■								Delay OFF
	RTL	AC 24-240V,DC 24V	1	0.1s-100h	1x8A P			■						asymmetric cycler

Producer	Type	Power supply	Number of function	Time range	Number of output contact	CRM-91H	CRM-93H	CRM-2H	CRM-2T	PDR-2 (PDR-3	CRM-9S	CRM-82TO	CRM-91HE	Function description
OEZ Letohrad		/ Czech												
module	MCR-230	AC 230V	16	0.5s-120m	1x8A P	■								multifunction
	MCR-24	AC/DC 24V	16	0.5s-120m	1x8A P	■								multifunction
	MCR-12	AC/DC 12V	16	0.5s-120m	1x8A P	■								multifunction
	TCR	AC 12-230V,DC 24-220V	1	0.5s-120m	1x8A P			■						asymmetric cycler
OMRON		/ Japan												
module	H3DS-ML	24-240VAC/24-48 VDC	8	0.1s-120h	1x5A P	■								multifunction
	H3DS-SL		4	0.1s-120h	1x5A P	■								multifunction
	H3DS-AL		1	0.1s-120h	1x5A P	■								Delay ON
	H3DS-FL		1	0.1s-120h	1x5A P			■						asymmetric cycler
	H3DS-GL		1	0.1s-120h	1x5A P				■					star/delta
	H3DS-XL		1	0.1s-120h	1x0,7A						■			static output,function ZN
industry	H3DE-M	24-230 V AC/DC	8	0.1s-120h	1x5A P	■								multifunction
	H3DE-S		4	0.1s-120h	1x5A P	■								multifunction
	H3DE-F		1	0.1s-12h	1x5A P			■						asymmetric cycler
	H3DE-G		1	0.5s-120s	2x5A P				■					star/delta
	H3DE-H		1	do 120s	1x5A P							■		delay OFF without supply,f. ZN
POLLIN		/ Poland												
module	PC - 1SZ	AC/DC 24V, AC 230V	1	1s-15min	1x16A P	■								Delay ON
	PC - 1SW	AC/DC 24V, AC 230V	1	1s-15min	1x16A P	■								Delay OFF
RELPOL		/ Poland												
module	TRM-91	AC/DC 12-240V,AC 230V	10	1s-10days	1x12A P	■								multifunction
	TRM-93	AC/DC 12-240V,AC 230V	10	1s-10days	3x6A P		■							multifunction
	TRI	AC/DC 12-240V,AC 230V	1	1s-100days	1x12A P			■						asymmetric cycler
	TRS	AC/DC 12-240V,AC 230V	1	1s-100days	2x12A P				■					star/delta
SAIA		/ Switzerland												
industry	KOP.J 111	AC 24-240V, DC 24-48V	1	0.05s-60h	1x8A P	■								Delay ON
	KOP.J 112	AC 24-240V, DC 24-48V	1	0.05s-60h	1x8A P	■								Delay OFF
	KOP.J 160	AC 24-240V, DC 24-48V	10	0.05s-60h	1x8A P	■								multifunction
	KOP.J 170	AC 24-240V, DC 24-48V	1	0.05s-60h	1x8A P			■						asymmetric cycler
	KOP.J 251	AC 24-240V, DC 24-48V	1	1.5-30s	2x8A S				■					star/delta
	KOP.K 119	AC 24-240V, DC 24-48V	1	0.15s-10m	1x8A P							■		Delay OFF without Un
	KOP.K 219	AC 24-240V, DC 24-48V	1	0.15s-10m	2x8A P							■		Delay OFF without Un
	KOP.K 511	AC 24-240V, DC 24-48V	1	0.05s-60h	2x8A P	■								Delay ON
	KOP.K 512	AC 24-240V, DC 24-48V	1	0.05s-60h	2x8A P	■								Delay OFF
	KOP.K 560	AC 24-240V, DC 24-48V	10	0.05s-60h	2x8A P	■								multifunction
	KOP.D 160	AC/DC 24-240V	10	0.05s-60h	1x6A P	■								multifunction
	KOP.D 251	AC/DC 24-240V	1	0.05s-60h	2x8A S				■					star/delta
module	KOL 160	AC 110-240V, AC/DC 24V	4	0.5s-60m	1x5A P	■								multifunction
	KOL 111	AC 110-240V, AC/DC 24V	1	0.75s-60m	1x5A P	■								Delay ON
	KOL 112	AC 110-240V, AC/DC 24V	1	0.5s-60m	1x5A P	■								Delay OFF, SH
	KOL 121	AC 110-240V, AC/DC 24V	1	0.75s-60m	1x5A P	■								Delay OFF
	KOL 142	AC 110-240V, AC/DC 24V	1	0.75s-60m	1x5A P	■								flashing
module new	KOL 251	AC 24-240V, DC 24-48V	1	0.15s-10h	1x5A P				■					star/delta
	KOL 360	AC 24-240V, DC 24-48V	4	0.05s-10h	1x5A P	■								multifunction
	KOL 311	AC 24-240V, DC 24-48V	1	0.05s-10h	1x5A P	■								Delay ON
	KOL 312	AC 24-240V, DC 24-48V	1	0.05s-10h	1x5A P	■								Delay OFF, SH
	KOL 321	AC 24-240V, DC 24-48V	1	0.05s-10h	1x5A P	■								Delay OFF
	KOL 342	AC 24-240V, DC 24-48V	1	0.05s-10h	1x5A P	■								flashing
Syrelec		/ France												
module	BLRM.U	AC/DC 24-240V	4	0.1s-10h	1x10A P	■								multifunction
	BAR.U	AC/DC 24 a 220V	1	0.1s-10h	1x10A P	■								Delay ON
	BDR.U		1	0.1s-10h	1x10A P			■						asymmetric cycler
	BCR.U		1	0.1s-10h	1x10A P	■								Delay OFF, SH

Producer	Type	Power supply	Number of function	Time range	Number of output contact	CRM-91H	CRM-93H	CRM-2H	CRM-2T	PDR-2 (PDR-3	CRM-9S	CRM-82TO	CRM-91HE	Function description
Siemens		/ Germany												
module	TX320ZR	AC 230V	1	0.25s-64m	1x8A P	■								Delay ON
old type	TX320BM	AC 230V	1	0.25s-64m	1x8A P	■								cycler
	TX320IR	AC 230V	1	0.25s-64m	1x8A P	■								Delay OFF
	TX320ZN	AC 230V	1	0.25s-64m	1x8A P	■								Delay OFF, SH
industry	7PV20 20-	AC230V, AC/DC24	1	10 ranges	1x3A P	■								multifunction
	D12M		1	10 ranges	2x3A P		■							Delay ON
	7PV20 21-	AC230V, AC/DC24	1	10 ranges	1x3A P	■								Delay OFF, NH
	7PV20 21-	AC230V, AC/DC24	1	10 ranges	2x3A P		■							Delay OFF, NH
	7PV20 22-	AC230V, AC/DC24	1	10 ranges	1x3A P	■								cycler 1:1
	7PV20 23-	AC230V, AC/DC24	1	10 ranges	1x3A P	■								Delay OFF
	7PV20 24-	AC230V, AC/DC24	1	10 ranges	1x3A P	■								Delay OFF, NH
	7PV21 20-2B	AC230V, AC/DC24	1	0.5s-100h	2x3A P		■							Delay ON
	7PV23 20-2B	AC230V, AC/DC24	8	0.5s-100h	2x3A P		■							multifunction
	7PV24 20-7NN	AC230V, AC/DC24	1	2-20s	2x3A S				■					star/delta
	7PV24 20-2NN	AC230V, AC/DC24	1	6-60s	2x3A S				■					star/delta
Sirius 3R	3RP15 05-1AP30	AC24, 200-240V, DC24	8	15 ranges	1x3A P	■								multifunction
	3RP15 05-1BP30	AC24, 200-240V, DC24	16	15 ranges	2x3A P		■							multifunction
	3RP15 11-1AQ30	AC24, 100-127V, DC24	1	0.5s-10s	1x3A P	■								Delay ON
	3RP15 11-1AP30	AC24, 200-240V, DC24	1	0.5s-10s	1x3A P	■								Delay ON
	3RP15 12-1AQ30	AC24, 100-127V, DC24	1	1.5s-30s	1x3A P	■								Delay ON
	3RP15 12-1AP30	AC24, 200-240V, DC24	1	1.5s-30s	1x3A P	■								Delay ON
	3RP15 13-1AQ30	AC24, 100-127V, DC24	1	5-100s	1x3A P					■				Delay ON
	3RP15 13-1AP30	AC24, 200-240V, DC24	1	5-100s	1x3A P					■				Delay ON
	3RP15 25-1AQ30	AC24, 100-127V, DC24	1	15 ranges	1x3A P	■								Delay ON
	3RP15 25-1AP30	AC24, 200-240V, DC24	1	15 ranges	1x3A P	■								Delay ON
	3RP15 25-1BR30	AC/DC 42-48V	1	15 ranges	2x3A P		■							Delay ON
	3RP15 25-1BP30	AC24, 200-240V, DC24	1	15 ranges	2x3A P		■							Delay ON
	3RP15 25-1BQ30	AC24, 100-127V, DC24	1	15 ranges	2x3A P		■							Delay ON
	3RP15 25-1BW30	AC24-240V, DC24-240	1	15 ranges	2x3A P		■							Delay ON
	3RP15 31-1AQ30	AC24, 100-127V, DC24	1	0.5s-10s	1x3A P	■								Delay OFF
	3RP15 31-1AP30	AC24, 200-240V, DC24	1	0.5s-10s	1x3A P	■								Delay OFF
	3RP15 32-1AQ30	AC24, 100-127V, DC24	1	1.5s-30s	1x3A P	■								Delay OFF
	3RP15 32-1AP30	AC24, 200-240V, DC24	1	1.5s-30s	1x3A P	■								Delay OFF
	3RP15 33-1AQ30	AC24, 100-127V, DC24	1	5-100s	1x3A P					■				Delay OFF
	3RP15 33-1AP30	AC24, 200-240V, DC24	1	5-100s	1x3A P					■				Delay OFF
	3RP15 40-1AB30	AC/DC 24V	1	7 ranges	1x3A P							■		Delay OFF without Un
	3RP15 40-1AJ30	AC/DC 100-127V	1	7 ranges	1x3A P							■		Delay OFF without Un
	3RP15 40-1AN30	AC/DC 200-240V	1	7 ranges	1x3A P							■		Delay OFF without Un
	3RP15 40-1BB30	AC/DC 24V	1	7 ranges	2x3A P							■		Delay OFF without Un
	3RP15 40-1BJ30	AC/DC 100-127V	1	7 ranges	2x3A P							■		Delay OFF without Un
	3RP15 40-1BN30	AC/DC 200-240V	1	7 ranges	2x3A P							■		Delay OFF without Un
	3RP15 55-1AR30	AC/DC 42-48V	1	15 ranges	1x3A P			■						impulse function,asymetr.cycler
	3RP15 55-1AQ30	AC24, 100-127V, DC24	1	15 ranges	1x3A P			■						impulse function,asymetr.cycler
	3RP15 55-1AP30	AC24, 200-240V, DC24	1	15 ranges	1x3A P			■						impulse function,asymetr.cycler
	3RP15 74-1AP30	AC200-240V, AC/DC24	1	1-20s	2x3A P				■					star-delta
Telehasse		/ Austria												
module	ODQ-1	AC/DC 24V, AC110-240V	4	0.05s-10h	1x8A P	■								4 functions
	OQ-1	AC/DC 12-240V	4	0.05s-10h	1x8A P	■								4 functions
	ODM-1	AC/DC 24V, AC110-240V	8	0.1s-10days	1x8A P	■								multifunction, 1 contact
	OM-1	AC/DC 12-240V	8	1s-10days	1x5A P	■								multifunction, 1 contact
	OZM-1	AC/DC 12-60V	8	1s-10days	1x5A P	■								multifunction, 1 contact
	ODM-3	AC/DC 24V	8	0.1s-10days	2x8A P		■							multifunction, 2 contactst
	OM-3	AC/DC 12-240V	8	1s-10days	2x5A P		■							multifunction, 2 contactst
	ODI-3	AC/DC 24V, AC110-240V	1	0.1s-10days	2x8A P			■						asymmetric cycler
	ODS-3		1	0.1s-10days	2x8A P				■					star/delta
	C DN 3X	AC/DC 24-240V	22	0-999h	1x8A P					■				digital / programmable
industry	D6DQ	AC/DC 24V, AC110-240V	4	0.05s-10days	1x8A P	■								4 functions
	D6DM	AC/DC 24V, AC110-240V	8	0.05s-10days	1x8A P	■								multifunction, 1 contact
	D6DA	AC/DC 24V, AC110-240V	1	to 10 min.	1x5A P							■		delay OFF without supply,f. ZN
	D6DI	AC/DC 24V, AC110-240V	2	0.05s-10days	1x8A P			■						asymmetric cycler
	D6DS	AC/DC 24V, AC110-240V	1	to 3 min.	2x8A P				■					star/delta
	D12DQ	AC/DC 24V, AC110-240V	4	0.05s-10days	2x8A P		■							4 functions
	D12DM	AC/DC 24V, AC110-240V	16	0.05s-30days	2x8A P		■							multifunction
	D12M	AC/DC 24-240V	16	0.05s-30days	2x8A P		■							multifunction
	D12DMF	AC/DC 24V, AC110-240V	16	0.1s-10days	2x8A P								■	multifunction,ext.potentiometer
	D12DA	AC/DC 24V, AC110-240V	1	to 10 min.	2x8A P							■		delay OFF without supply,f. ZN
	D12DI	AC/DC 24V, AC110-240V	5	0.05s-10days	2x8A P		■	■						asymmetric cycler
	D12DS	AC/DC 24V, AC110-415V	1	to 3 min.	2x8A P				■					star/delta

Producer	Type	Power supply	Number of function	Time range	Number of output contact	CRM-91H	CRM-93H	CRM-2H	CRM-2T	PDR-2 (PDR-3	CRM-9S	CRM-82TO	CRM-91HE	Function description
Telemechanique / France Schneider - electric														
Zelio-Time	RE 88 826 004	AC 24-240V	10	1s-100h	0,7 A									multifunction
module	RE 88 826 014	AC 24-240V,DC 24V	1	1s-100h	0,7 A									Delay ON
old type	RE 88 826 044	AC 24-240V	1	1s-100h	0,7 A									Delay OFF
	RE 88 826 103	AC 24-240V,DC 24V	10	1s-100h	1x8A P									multifunction
	RE 88 826 105	AC 24-240V,DC 24V	10	1s-100h	1x8A P									multifunction
	RE 88 826 115	AC 24-240V,DC 24V	2	1s-100h	1x8A P									Delay ON
	RE 88 826 125	AC 24-240V,DC 24V	1	1s-100h	1x8A P									Delay OFF reag. (F)
	RE 88 826 135	AC 24-240V,DC 24V	1	1s-100h	1x8A P									Delay OFF
	RE 88 826 145	AC 24-240V,DC 24V	2	1s-100h	1x8A P									Delay OFF
	RE 88 826 155	AC/DC 12-240V	1	1s-100h	1x8A P									asymmetric cycler
	RE 88 826 503*	AC/DC 12-240V	10	1s-100h	1x8A P									multifunction , flexible terminals
Telemechanique / France Schneider - electric														
Zelio-Time	RE11 RA MU	AC/DC 12-240V	1	0,1s-100h	1x8A P									Delay ON
module	RE11 RH MU	AC 24-240,DC 24V	1	0,1s-100h	1x8A P									Delay OFF
	RE11 RC MU	AC 24-240,DC 24V	1	0,1s-100h	1x8A P									Delay OFF
	RE11 RL MU	AC 24-240,DC 24V	1	0,1s-100h	1x8A P									asymmetric cycler
	RE11 RL JU	AC 24-240,DC 24V	1	0,1s-100h	1x8A P									asymmetric cycler
	RE11 RM EMU	AC 24-240,DC 24V	7	0,1s-100h	1x8A P									multifunction
	RE11 RM MW	AC 24-240,DC 24V	9	0,1s-100h	1x8A P									multifunction
	RE11 RM MU	AC 230-380V	9	0,1s-100h	1x8A P									multifunction
	RE11 RM JU	AC 24-240,DC 24V	9	0,1s-100h	1x8A P									multifunction
	RE11 RM XMU	AC/DC 12-240V	10	0,1s-100h	1x8A P									multifunction
	RE11 LA MW	AC 24-240,DC 24V	1	0,1s-100h	1x0,7A									Delay ON
	RE11 LH BM	AC 24-240,DC 24V	1	0,1s-100h	1x0,7A									Delay OFF
	RE11 LC BM	AC 24-240,DC 24V	1	0,1s-100h	1x0,7A									Delay OFF
	RE11 LL BM	AC 24-240,DC 24V	1	0,1s-100h	1x0,7A									asymmetric cycler
	RE11 LM BM	AC/DC 12-240V	9	0,1s-100h	1x0,7A									multifunction
Zelio-Time	RE7 CL11 BU	AC 110-240V,AC/DC 24V	1	0,05s-300h	1x8A P									cycler
industry	RE7 CP13 BU	AC 110-240V,AC/DC 24-48V	1	0,05s-300h	2x8A P									cycler
	RE7 CV11 BU	AC 110-240V,AC/DC 24-48V	1	0,05s-300h	1x8A P									asymmetric cycler
	RE7 MA11 BU	AC 110-240V,AC/DC 24-48V	1	0,05s-300h	1x8A P									Delay ON
	RE7 MA13 BU	AC 110-240V,AC/DC 24-48V	1	0,05s-300h	2x8A P									Delay ON
	RE7 ML11 BU	AC 110-240V,AC/DC 24-48V	8	0,05s-300h	1x8A P									multifunction
	RE7 MV11 BU	AC 110-240V,AC/DC 24-48V	1	0,05s-300h	1x8A P									Delay ON
	RE7 MY13 BU	AC 110-240V,AC/DC 24V	1	0,05s-300h	2x8A P									star/delta
	RE7 MY13 MW	AC 24-240V	1	0,05s-300h	2x8A P									star/delta
	RE7 PD13 BU	AC 110-240V,AC/DC 24-48V	1	0,05s-300h	2x8A P									Delay OFF
	RE7 PE11 BU	AC 110-240V,AC/DC 24V	1	0,05s-300h	1x8A P									Delay OFF
	RE7 PM11 BU	AC 110-240V,AC/DC 24-48V	1	0,05s-300h	1x8A P									Delay OFF
	RE7 PP13 BU	AC 110-240V,AC/DC 24-48V	1	0,05s-300h	2x8A P									Delay OFF
	RE7 RA11 BU	AC 110-240V,AC/DC 24-48V	1	0,05s-300h	1x8A P									Delay OFF
	RE7 RB11 MW	AC 24-240V	1	0,05s-10min	1x5A P									Delay OFF without Un
	RE7 RB13 MW	AC 24-240V	1	0,05s-10min	2x5A P									Delay OFF without Un
	RE7 RL13 BU	AC 110-240V,AC/DC 24-48V	1	0,05s-300h	2x8A P									Delay OFF
	RE7 RM11 BU	AC 110-240V,AC/DC 24-48V	1	0,05s-300h	1x8A P									Delay OFF
	RE7 TL11 BU	AC 110-240V,AC/DC 24V	1	0,05s-300h	1x8A P									Delay ON
	RE7 TM11 BU	AC 110-240V,AC/DC 24-48V	1	0,05s-300h	1x8A P									Delay ON
	RE7 TP13 BU	AC 110-240V,AC/DC 24-48V	1	0,05s-300h	2x8A P									Delay ON
	RE7 YA12 BU	AC 110-240V,AC/DC 24-48V	1	0,05s-300h	2x8A P									star/delta
	RE7 YR12 BU	AC 110-240V,AC/DC 24-48V	1	0,05s-300h	2x8A P									star/delta
	RE8 TA11BUTQ	AC 110-240V,AC/DC 24V	1	0.1s-10s	1x8A P									Delay ON
	RE8 RA11BTQ	AC/DC 24V	1	0.1s-10s	1x8A P									Delay OFF
	RE8 RB11 BUTQ	AC 110-240V,AC/DC 24V	1	0.1s-10s	1x8A P									Delay OFF without Un
	RE8 CL11 BUTQ	AC 110-240V,AC/DC 24V	1	0.1s-10s	1x8A P									cycler
	RE8 PE11BUTQ	AC 110-240V,AC/DC 24V	1	0.1s-10s	1x8A P									Delay OFF
	RE8 PD11BTQ	AC/DC 24V	1	0.1s-10s	1x8A P									Delay OFF
	RE8 PD11 FUTQ	AC 110-240V	1	0.1s-10s	1x8A P									Delay OFF
	RE8 YG11 BUTQ	AC 110-240V,AC/DC 24V	1	0.1s-10s	1x8A P									star/delta
	RE9 TA11MW	AC/DC 24-240V	1	0.1s-10s	0,7 A									Delay ON
	RE9 RA11MW7	AC 24-240V	1	0.1s-10s	0,7 A									Delay OFF