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Substitution list (Version 12/17)

The following list shows the “end of life” or discontinued products and their replacements/substitutions.

Please don't hesitate to contact us for any additional questions:

support@comat.ch or sales@releco.com or phone +41 31 838 55 10

Worb, December 2017

Time relays

Bold = preferred type for substitution.

Type	Replacement	Notice
AA2/AC110-127V	CIM1/UC24-240V	Adapt wiring
AA2/UC72V	CIM1/UC24-240V	Adapt wiring
AA2M/AC110-127V	CIM1/UC24-240V	Adapt wiring
AE2/AC110-127V	CIM1/UC24-240V	Adapt wiring
AE2M/AC110-127V	CIM1/UC24-240V	Adapt wiring
AL1/AC110-127V	CIM14/UC24-240V	Adapt wiring
AL3/AC...V	CIM14/UC24-240V	Adapt wiring
AL2	AL3/...V	Adapt wiring
AL4/AC...V	-	No replacement available
AL4C/...V	-	No replacement available
AL5/AC48-60V	-	No replacement available
AM1/UC72V	CIM1/UC24-240V	Adapt wiring
AM3/...V	-	No replacement available
AM3/UC72V	-	No replacement available
AS1/AC110-127V AS1/AC220-240V AS1/UC24-36V	CIM14/UC24-240V	Adapt wiring
AS1/UC12-15V	-	No replacement available
AS1/UC48-60V	CIM14/UC24-240V	Adapt wiring
BS 41-.../...	CS2/UC...V CS3/UC...V C85/AC...V C85/UC...V C55/UC...V	Only function B is wiring compatible; remove old bridges; New device settings on front panel for function I; for P; Adapt wiring
C65/...V	-	No replacement available
C66/...V	-	No replacement available
C81/...V	C83/UC...V	1:1 compatible
C82/...V	C83/UC...V	1:1 compatible
C83/AC...V	C83/UC...V	1:1 compatible
C84/...V	-	No replacement available
C85/AC...V	C85/UC...V	1:1 compatible
CB 05		No replacement available
CBI-102.3	C55.3/UC...V oder C55.4/DC24V CIM12/UC24-240V CIM13/UC24-240V	Essential improve of time range; different type of construction
CCX-350/...	-	Item is running out and will be only available for a limited time; no replacement available
CCX-550/...	-	Item is running out and will be only available for a limited time; no replacement available
CE 221	-	no replacement available
CEA-126 CEA-226	C56/...V C63/UC12-240V RS 41-M CIM1/UC24-240V	no 1:1 replacement available.
CEV-126	CS3/UC24-240V	Position contacts deviates
CFG-126/...V	C55/UC...V	1:1 compatible
CIMR /UC24-240V	CIM1R /UC24-240V	1:1 compatible, only type designation has changed
CM1/UC...V	CIM1/UC24-240V	Adapt wiring
CM1L/UC...V	CIM1/UC24-240V	Adapt wiring
CN 121	CS3/UC12-240V CS3/UC12-240V	No compatible replacement available; Conversion to 11-pin socket required
CN 121	RS 121/...V RS 121.*/...V	No replacement available; Needs modification to 11-pole plug-in device
CN 135	CS-Serie C63/UC...V CM-Serie CIM1/UC24-240V	No replacement available; Different type of construction, Adapt wiring.

CN 136	CS3/ UC12-240V C55, C56	No replacement available; Needs modification to 11-pole plug-in device
CN1	CIM1/UC24-240V	Adapt wiring
CN 136	CS3/ UC12-240V CS2/ UC12-240V C52, C53, C55, C56 RS 121	Different type of construction; Needs modification to 11-pole plug-in device.
CN1	CNR1/UC110-240V CNR1/UC24-60V	1:1 compatible
CPX-129/...V	CS3/UC12-240V	Adapt wiring
CS1/...V	CS2/...V	1:1 compatible
CRT3/...V	CIM3/UC24-240V	Adapt wiring
CT1/...V	CIM3/UC24-240V	Adapt wiring
CT1L/...V	CIM3/UC24-240V	Adapt wiring
CTI-129/...V	C55/...V	1:1 compatible
CNP-300... CNP-400... A-400 C-300 E-400 EA-400 N-400 P-400 VK-1/2	C64/UC110-240V	No replacement available. Different type of construction; New programming work and software required
CNR1/UC110-240V	C64/UC24-60V	Adapt wiring
CNR1/UC24-60V	C64/UC110-240V	Adapt wiring
CY11/UC110-240V	CY1/UC110-240V	Adapt wiring
ECO31/AC115V	CIM1/UC24-240V	Adapt wiring
ECO32/AC115V	CIM1/UC24-240V	Adapt wiring
CNS-4/ANP... CNS-4/ATX... CNS-4/UFK...	CM3/...V (2x) CIM3/...V (4x) CIM1/...V (4x)	Item is running out and will be only available for a limited time; no compatible replacement available
CPX-519	C55/UC...V CPX-129/...V RS 41-M CIM1/UC24-240V	Item is running out and will be only available for a limited time; different type of construction; Adapt wiring; no pot.-free excitation possible; Contact our support.
CPX-519.3	C53.3/UC110-240V C53.3/UC24-60V C53.4/DC24V	different type of construction; Adapt wiring
CR1	CIM1/UC24-240V	Adapt wiring
CSA /UC24-240V CSAR /UC24-240V	CIM12 /UC24-240V CIM12R /UC24-240V	1:1 compatible, only type designation has changed
CSA2-...	CS2/ UC12-240V	Compatible, improved features, multifunctional
CSA3-...	CS3/ UC12-240V	Compatible, improved features, multifunctional, Broad-Voltage supply
CSB2-62/... CSB2-65/...	CS2/ UC12-240V	Compatible, improved features, multifunctional
CSD /UC24-240V CSDR /UC24-240V	CIM13 /UC24-240V CIM13R /UC24-240V	1:1 compatible, only type designation has changed
CSE2 -62/... CSE2 -65/... CSE2 -68/... CSE2 -85/...	CS2/ UC12-240V	Compatible, improved features, multifunctional
CSE3-S/... CSE3-M/...	CS3/UC12-240V	Compatible, improved features, multifunctional, Broad-Voltage supply
CSK2-62/... CSK2-65/... CSK2-68/... CSK2-85/...	CS3/UC12-240V	Compatible, improved features, multifunctional, Broad-Voltage supply
CSN2-62/... CSN2-65/... CSN2-68/... CSN2-85/...	CS3/UC12-240V	Compatible, improved features, multifunctional, Broad-Voltage supply

CSR2-62/... CSR2-65/... CSR2-68/...	C64/UC110-240V C64/UC24-60V	Compatible, improved features, multifunctional, no pot.-free excitation possible
CSW2-*/...	CS1/UC...V CS2/UC...V	Compatible, improved features, multifunctional
CRA1/... CRV1/...	CRV4/UC24-240V CIM1/UC24-240V	Compatible, improved features, multifunctional
CRV2/...	CRV4/UC24-240V	Compatible, improved features, multifunctional
CSV2/...	CSV4/UC24-240V	Compatible, improved features, multifunctional
CRV3/...	CIM3/UC24-240V	different type of construction, improved features, multifunctional
CRE1/...V	CIM1/UC24-240V	Adapt wiring
CT2-*20/... CT2-*21/... CT2-*25/...	CT2-*30/...	1:1 compatible, time range has changed to 30 minutes
CT3-*20/... CT3-*21/... CT3-*25/...	CT3-*30/...	1:1 compatible, time range has changed to 30 minutes
CTI-519	C55/UC...V CIM3x/UC24-240V CTI-129 RS 122	Item is running out and will be only available for a limited time! Different type of construction; Adapt wiring; no pot.-free excitation possible; Contact our support.
CU21-XP85/...	-	No compatible replacement available
CU23-...	-	No compatible replacement available
CWR-102	-	Item is running out and will be only available for a limited time; no replacement with direct NAMUR-Input
CX 33	CX 39	Adapt wiring
CX 35	CS3/UC12-240V	1:1 compatible, pay attention to voltage
CX 36	CS3/UC12-240V	1:1 compatible, pay attention to voltage
CX 38	C55/...V C56/...V C85/...V	Item is running out and will be only available for a limited time
CX 39	-	Item is running out and will be only available for a limited time
CXE 3 ...	CS3/UC12-240V	Adapt wiring
CXR 3	C64/...V CNR1/...V C84/...V	different type of construction
ECO32/...	CRV4/UC24-240V CIM1/UC24-240V	Compatible, improved features, multifunctional
NSR 4	-	No compatible replacement available
RN 121	C55/...V C56/...V	Modifications needed
RS 121	CS3/UC12-240V C55/...V C56/...V	Compatible
RS 122	C53/...V	
RS 124	C64/...V	
RS 21-XP5 RS 21-XP9 RS 21-XP11 RS 21-XP...P RS 21-XP...R RS 21...V	C55/...V C56/...V	Compatible No direct replacement available for Version V
RS 31-RV...	C64/UC110-240V C64/UC24-60V	improved features
RS 32-TG65... RS 32-TG85... RS 32-TG95...	C55/UC...V	Adapt wiring Adapt wiring Adapt wiring
RS 321	C55/...V RS 41-M/...	Item is running out and will be only available for a limited time! No compatible replacement available. The replacement

		types on the left have some functions, which are corresponding to this type. Contact our support.
RS 41	RS 41-M/...	1:1 compatible, improved features
RS 42	C55/...V	Eventually removing bridges
RS 521	C55/...V RS 41-M	Item is running out and will be only available for a limited time! No compatible replacement available. The replacement types on the left have some functions, which are corresponding to this type. Contact our support.
SSR 2	AL4/...V AL5/...V	Item is running out and will be only available for a limited time
SSR 2-K	AL-Serie	Item is running out and will be only available for a limited time
SSR 2-R	AS1/...V CRS1/...V	Item is running out and will be only available for a limited time
TSR 17 TSR 18	TSR19/AC230V TSR19/UC24-48V	1:1 compatible
VSR 4	-	No replacement available

Relays

Bold = preferred type for substitution.

Type	Replacement	Notice
A333/...V	-	C3-A30X/...V possible, other construction!
CR23	-	No replacement available
CR33	-	No replacement available. Possibility: C301.04, but only DC24V version available.
CR210/...	C2-A20.../... C21...	Higher resistance to arc erosion; Long Life model
CR310/...	C3-A30.../... C31...	Higher resistance to arc erosion; Long Life model
C2-A29.../...V	C2-A28.../...V	1:1 compatible
C2-T21.../...V	C2-T22.../...V	1:1 compatible
C2-A20/AC...V	C7-A20/AC...V C3-A30X/AC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-A20X/AC...V	C7-A20X/AC...V C3-A30X/AC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-A20R/AC...V	C3-A30R/AC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-A20/DC...V	C7-A20/DC...V C3-A30/DC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-A20X/DC...V	C7-A20X/DC...V C3-A30X/DC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-A20DX/DC...V	C7-A20DX/DC...V C3-A30DX/DC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-A20FX/DC...V	C7-A20FX/DC...V C3-A30FX/DC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-A20BX/UC...V	C7-A20BX/UC...V C3-A30BX/UC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-A28/AC...V	C7-A28/AC...V C3-A30/AC...V	No 1:1 replacement, adapt wiring, new socket needed.

C2-A28X/AC...V	C7-A28X/AC...V C3-A38X/AC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-A28R/AC...V	C3-A38R/AC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-A28/DC...V	C7-A28/DC...V C3-A38/DC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-A28X/DC...V	C7-A28X/DC...V C3-A38X/DC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-A28DX/DC...V	C7-A28DX/DC...V C3-A38DX/DC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-A28FX/DC...V	C7-A28FX/DC...V C3-A38FX/DC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-A28BX/UC...V	C7-A28BX/UC...V C3-A38BX/UC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-A29/AC...V	C7-A29/AC...V C3-A39/AC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-A29X/AC...V	C7-A29X/AC...V C3-A39X/AC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-A29R/AC...V	C3-A39R/AC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-A29/DC...V	C7-A29/DC...V C3-A39/DC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-A29X/DC...V	C7-A29X/DC...V C3-A39X/DC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-A29DX/DC...V	C7-A29DX/DC...V C3-A39DX/DC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-A29FX/DC...V	C7-A29FX/DC...V C3-A39FX/DC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-A29BX/UC...V	C7-A29BX/UC...V C3-A39BX/UC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-E24/AC...V	C3-N34/AC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-E24/DC...V	C3-N34/DC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-E24D/DC...V	C3-N34D/DC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-E24DX/DC...V	C3-N34DX/DC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-T21/AC...V	C7-T21/AC...V C3-T31/AC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-T21X/AC...V	C7-T21X/AC...V C3-T31X/AC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-T21R/AC...V	C3-T31R/AC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-T21/DC...V	C7-T21/DC...V C3-T31/DC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-T21X/DC...V	C7-T21X/DC...V C3-T31X/DC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-T21DX/DC...V	C7-T21DX/DC...V C3-T31DX/DC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-T21FX/DC...V	C7-T21FX/DC...V C3-T31FX/DC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-T21BX/UC...V	C7-T21BX/UC...V C3-T31BX/UC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-T22/AC...V	C7-T22/AC...V C3-T32/AC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-T22X/AC...V	C7-T22X/AC...V	No 1:1 replacement, adapt wiring, new socket needed.

	C3-T32X/AC...V	
C2-T22R/AC...V	-	No replacement available
C2-T22/DC...V	C7-T22/DC...V C3-T32/DC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-T22X/DC...V	C7-T22X/DC...V C3-T32X/DC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-T22DX/DC...V	C7-T22DX/DC...V C3-T32DX/DC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-T22FX/DC...V	C7-T22FX/DC...V C3-T32FX/DC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-T22BX/UC...V	C7-T22BX/UC...V C3-T32BX/UC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-G20/AC...V	C7-G20/AC...V C3-G30/AC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-G20X/AC...V	C7-G20X/AC...V C3-G30X/AC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-G20R/AC...V	C3-G30R/AC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-G20/DC...V	C7-G20/DC...V C3-G30/DC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-G20X/DC...V	C7-G20X/DC...V C3-G30X/DC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-G20DX/DC...V	C7-G20DX/DC...V C3-G30DX/DC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-G20FX/DC...V	C7-G20FX/DC...V C3-G30FX/DC...V	No 1:1 replacement, adapt wiring, new socket needed.
C2-G20BX/UC...V	C7-G20BX/UC...V C3-G30BX/UC...V	No 1:1 replacement, adapt wiring, new socket needed.
C21/AC...V	C7-A20/AC...V	No 1:1 replacement, adapt wiring, new socket needed.
C21/DC...V	C7-A20/DC...V	No 1:1 replacement, adapt wiring, new socket needed.
C21D/DC...V	C7-A20D/DC...V	No 1:1 replacement, adapt wiring, new socket needed.
C21DL/DC...V	C7-A20DX/DC...V	No 1:1 replacement, adapt wiring, new socket needed.
C21L/AC...V	C7-A20X/AC...V	No 1:1 replacement, adapt wiring, new socket needed.
C21L/DC...V	C7-A20X/DC...V	No 1:1 replacement, adapt wiring, new socket needed.
C22/AC...V	C7-T22/AC...V	No 1:1 replacement, adapt wiring, new socket needed.
C22/DC...V	C7-T22/DC...V	No 1:1 replacement, adapt wiring, new socket needed.
C22D/DC...V	C7-T22D/DC...V	No 1:1 replacement, adapt wiring, new socket needed.
C22DL/DC...V	C7-T22DX/DC...V	No 1:1 replacement, adapt wiring, new socket needed.
C22L/AC...V	C7-T22X/AC...V	No 1:1 replacement, adapt wiring, new socket needed.
C22L/DC...V	C7-T22X/DC...V	No 1:1 replacement, adapt wiring, new socket needed.
C3-A38.../...	C3-T32.../... C32	1:1 compatible 1:1 compatible
R3-A30.../...	C31R.../...	1:1 compatible, Longlife model!
C3-R29/...	C3-R20 C3-R28	1:1 compatible, Depending on application
C3-E24/DC110V	C3-N34/DC100V	1:1 compatible
C3-E24/DC12V	C3-N34/DC12V	1:1 compatible
C3-E24/DC24V	C3-N34/DC24V	1:1 compatible
C3-E24/DC24V	C3-N34/DC24V	1:1 compatible
C3-E24/DC24V	C3-N34/DC24V	1:1 compatible
C3-E24/DC24V	C3-N34/DC24V	1:1 compatible

C3-E24/DC48V	C3-N34/DC48V	1:1 compatible
C3-E24/DC48V	C3-N34/DC48V	1:1 compatible
C3-E24/DC60V	C3-N34/DC60V	1:1 compatible
C3-E24/DC6V	C3-N34/DC6V	1:1 compatible
C3-E24D/DC12V	-	No replacement available
C3-E24D/DC12V	-	No replacement available
C3-E24D/DC24V	C3-N34D/DC24V	1:1 compatible
C3-E24D/DC24V	C3-N34D/DC24V	1:1 compatible
C3-E24D/DC48V	-	No replacement available
C3-E24D/DC60V	-	No replacement available
C3-E24D/DC6V	-	No replacement available
C3-E24DX/300 OHM RF-5423DX	-	No replacement available
C3-E24DX/DC24V	C3-N34DX/DC24V	1:1 compatible
C3-E24DX/DC24V	C3-N34DX/DC24V	1:1 compatible
C3-E24DX/DC60V	-	No replacement available
C3-E24F/DC12V	-	No replacement available
C3-E24F/DC24V	-	No replacement available
C3-E24X/DC12V	-	No replacement available
C3-E24X/DC24V	-	No replacement available
C3-E28D/DC110V	-	No replacement available
C33/...	C31/...	Adapt wiring
C34/...	C32/...	Adapt wiring
C36/UC...	-	No replacement available
C39/DC...	-	No replacement available
C4-A49.../...V	C4-A48.../...V	1:1 compatible
C4-R39.../...V	C4-R38.../...V	1:1 compatible
C4-A45.../...	-	No replacement available
C52/...V	C55/UC...V	Adapt wiring
C53/...V	C55/UC...V	Adapt wiring
C53.3/UC...V	C55.3/UC...V	Adapt wiring
C53.4/DC...V	C55.4/DC...V	Adapt wiring
C55L.4/DC...V	C55/UC...V	Adapt wiring
C63/UC...V	CS3/UC...V	Adapt wiring
C7-AD1.../...	C7-T21 C7-T22	Identical relay, old designation has changed
C10-GT1	C10-T13	1:1 compatible
C10-T12	C10-T13	1:1 compatible
C91DL/DC24V AU	C9-A42DX/DC24V	1:1 compatible
C91L/AC230V AU	C9-A42X/AC230V	1:1 compatible
C91L/AC24V AU	C9-A42X/AC24V	1:1 compatible
C7-T22/AC115V	-	No replacement available
C7-T22/AC230V	-	No replacement available
C7-T22/AC230V	-	No replacement available
C7-T22/AC24V	-	No replacement available
C7-T22/AC24V	-	No replacement available
C7-T22/AC48V	-	No replacement available
C7-T22/AC48V	-	No replacement available

C7-T22/AC48V	-	No replacement available
C7-T22/DC110V	-	No replacement available
C7-T22/DC110V	-	No replacement available
C7-T22/DC110V	-	No replacement available
C7-T22/DC125V	-	No replacement available
C7-T22/DC12V	-	No replacement available
C7-T22/DC12V	-	No replacement available
C7-T22/DC12V	-	No replacement available
C7-T22/DC24V	-	No replacement available
C7-T22/DC24V	-	No replacement available
C7-T22/DC48V	-	No replacement available
C7-T22/DC72V	-	No replacement available
C7-T22D/DC110V	-	No replacement available
C7-T22D/DC110V	-	No replacement available
C7-T22D/DC125V	-	No replacement available
C7-T22D/DC125V	-	No replacement available
C7-T22D/DC12V	-	No replacement available
C7-T22D/DC24V	-	No replacement available
C7-T22D/DC24V	-	No replacement available
C7-T22D/DC24V	-	No replacement available
C7-T22D/DC48V	-	No replacement available
C7-T22D/DC48V	-	No replacement available
C7-T22DX/DC110V	-	No replacement available
C7-T22DX/DC125V	-	No replacement available
C7-T22DX/DC12V	-	No replacement available
C7-T22DX/DC12V	-	No replacement available
C7-T22DX/DC12V	-	No replacement available
C7-T22DX/DC220V	-	No replacement available
C7-T22DX/DC24V	-	No replacement available
C7-T22DX/DC24V	-	No replacement available
C7-T22DX/DC48V	-	No replacement available
C7-T22DX/DC48V	-	No replacement available
C7-T22FX/DC220V	-	No replacement available
C7-T22FX/DC24V	-	No replacement available
C7-T22FX/DC24V	-	No replacement available
C7-T22X/AC115V	-	No replacement available
C7-T22X/AC115V	-	No replacement available
C7-T22X/AC120V 60HZ	-	No replacement available
C7-T22X/AC120V 60HZ	-	No replacement available
C7-T22X/AC24V	-	No replacement available
C7-T22X/AC24V 60HZ	-	No replacement available
C7-T22X/AC48V	-	No replacement available
C7-T22X/DC220V	-	No replacement available
C7-T22X/DC24V	-	No replacement available
C7-T22X/DC24V	-	No replacement available
C7-T22X/DC24V	-	No replacement available

C7-T22X/DC48V	-	No replacement available
C7-H23/DC24V	-	No replacement available
C7-H23G/DC24V RF-5651	-	No replacement available
C7-H23G/DC24V RF-5651	-	No replacement available
C7-H23X/AC230V	-	No replacement available
C7-H23X/DC24V	-	No replacement available
C7-H23X/DC24V	-	No replacement available
C7-A29/AC115V	C7-A20/AC115V	1:1 compatible
C7-A29/AC120V 60HZ	C7-A20/AC120V 60Hz	1:1 compatible
C7-A29/AC230V	C7-A20/AC230V	1:1 compatible
C7-A29/AC230V	C7-A20/AC230V	1:1 compatible
C7-A29/AC230V	C7-A20/AC230V	1:1 compatible
C7-A29/DC12V	C7-A20/DC12V	1:1 compatible
C7-A29/DC24V	C7-A20/DC24V	1:1 compatible
C7-A29D/DC72V	C7-A20D/DC72V	1:1 compatible
C7-A29DN/DC72V	-	1:1 compatible
C7-A29DX/DC110V	C7-A20DX/DC110V	1:1 compatible
C7-A29DX/DC12V	C7-A20DX/DC12V	1:1 compatible
C7-A29DX/DC24V	C7-A20DX/DC24V	1:1 compatible
C7-A29DX/DC72V	C7-A20DX/DC72V	1:1 compatible
C7-A29FX/DC110V	C7-A20FX/DC110V	1:1 compatible
C7-A29FX/DC125V	C7-A20FX/DC125V	1:1 compatible
C7-A29FX/DC12V	C7-A20FX/DC12V	1:1 compatible
C7-A29FX/DC24V	C7-A20FX/DC24V	1:1 compatible
C7-A29FX/DC42V	C7-A20FX/DC42V	1:1 compatible
C7-A29FX/DC48V	C7-A20FX/DC48V	1:1 compatible
C7-A29X/AC115V	C7-A20X/AC115V	1:1 compatible
C7-A29X/AC120V 60HZ	C7-A20X/AC120V 60HZ	1:1 compatible
C7-A29X/AC127V	C7-A20X/AC127V	1:1 compatible
C7-A29X/AC230V	C7-A20X/AC230V	1:1 compatible
C7-A29X/AC230V	C7-A20X/AC230V	1:1 compatible
C7-A29X/AC240V 60HZ	C7-A20X/AC240V 60HZ	1:1 compatible
C7-A29X/AC24V	C7-A20X/AC24V	1:1 compatible
C7-A29X/AC42V	C7-A20X/AC42V	1:1 compatible
C7-A29X/AC48V	C7-A20X/AC48V	1:1 compatible
C7-A29X/DC12V	C7-A20X/DC12V	1:1 compatible
C7-A29X/DC24V	C7-A20X/DC24V	1:1 compatible
C7-A29X/DC24V	C7-A20X/DC24V	1:1 compatible
C9-E22/DC24V	C9-E21/DC24V	1:1 compatible
C9-E22X/AC230V	C9-E21X/AC230V	1:1 compatible
C9-E22X/AC24V	C9-E21X/AC24V	1:1 compatible
C9-E22X/DC24V	C9-E21X/DC24V	1:1 compatible
C9-E22X/DC24V	C9-E21X/DC24V	1:1 compatible
KR33A/DC...V	-	No replacement available

KR33A/DC...V	-	No replacement available
KR33X/DC...V	-	No replacement available
KR13A/DC12V	C7-T22/DC12V	Adapt wiring
KR13A/DC24V	C7-T22/DC48V	Adapt wiring
KR13A/DC48V	C7-T22DX/DC48V	Adapt wiring
KR33A/DC...	-	No replacement available
KR33X/DC...	-	No replacement available
KR13A/DC12V	KR13X/DC12V	1:1 compatible
KR13A/DC24V	KR13X/DC24V	1:1 compatible
KR13A/DC48V	C7-T22/DC48V	Adapt wiring
KR13X/DC48V	C7-T22DX/DC48V	Adapt wiring
KR19X	C7-W10/...	Adapt wiring
KR23A/DC12V	-	No replacement available
KR23X/DC12V	-	No replacement available
MR31.1/AC...V	C2-A20/AC...V	Requires also new socket S2-B
MR31.2/AC...V	C2-A20/AC...V	Requires also new socket S2-B
MR31.2/AC...V	C2-A20/AC...V	In combination with S2-P socket, different pin layout
MR31.3/AC...V	C3-A30/AC...V	Requires also new socket S3-B
MR31.3/AC...V	C3-A30/AC...V	In combination with S3-P socket, different pin layout
MR51.1/DC...V	C2-A20/DC...V	Requires also new socket S2-B
MR51.2/DC...V	C2-A20/DC...V	Requires also new socket S2-B
MR51.2/DC...V	C2-A20/DC...V	In combination with S2-P socket, different pin layout
MR51.3/DC...V	C3-A30/DC...V	Requires also new socket S3-B
MR51.3/DC...V	C3-A30/DC...V	In combination with S3-P socket, different pin layout
PW10.2/...		No replacement available, potentially C5-A20 may also fit
PW10.3/AC...V		No replacement available, potentially C5-A20 may also fit
PW20.2/DC...V		No replacement available, potentially C5-A20 may also fit
PW20.3/DC...V		No replacement available, potentially C5-A20 may also fit
R3-N38/...	C32D/R	Adapt wiring
R7-A20TX/...	R7-A20NX/...	1:1 compatible. No longer available with «X», «DX» or «BX». New «N» → Housing without any option to manually actuate the relay
R7-A20DT/...	R7-A20NX/...	1:1 compatible. No longer available with «X», «DX» or «BX». New «N» → Housing without any option to manually actuate the relay
R7-A20DTX/...	R7-A20NX/...	1:1 compatible. No longer available with «X», «DX» or «BX». New «N» → Housing without any option to manually actuate the relay
R7-A20BTX/...	R7-A20BNX/...	1:1 compatible. No longer available with «X», «DX» or «BX». New «N» → Housing without any option to manually actuate the relay
R7-T21TX/...	R7-T21NX/...	1:1 compatible. No longer available with «X», «DX» or «BX». New «N» → Housing without any option to manually actuate the relay
R7-T21DT/...	R7-T21DN/...	1:1 compatible. No longer available with «X», «DX» or «BX». New «N» → Housing without any option to manually actuate the relay
R7-T21DTX/...	R7-T21DNX/...	1:1 compatible. No longer available with «X», «DX» or «BX». New «N» → Housing without any option to manually actuate the relay
R7-T21BTX/...	R7-T21BNX/...	1:1 compatible. No longer available with «X», «DX» or «BX». New «N» → Housing without any option to manually actuate the relay

R7-T22TX/...	R7-T22NX/...	1:1 compatible. No longer available with «X», «DX» or «BX». New «N» → Housing without any option to manually actuate the relay
R7-T22DT/...	R7-T22DN/...	1:1 compatible. No longer available with «X», «DX» or «BX». New «N» → Housing without any option to manually actuate the relay
R7-T22DTX/...	R7-T22DNX/...	1:1 compatible. No longer available with «X», «DX» or «BX». New «N» → Housing without any option to manually actuate the relay
R7-T22BTX/...	R7-T22BNX/...	1:1 compatible. No longer available with «X», «DX» or «BX». New «N» → Housing without any option to manually actuate the relay
R7-A20T/DC...V	R7-A20T/DC...V	1:1 compatible
R7-T21T/DC...V	R7-T21T/DC...V	1:1 compatible
R7-T22T/DC...V	R7-T22T/DC...V	1:1 compatible
R7-A20T/AC...V	R7-A20T/AC...V	1:1 compatible
R7-T21T/AC...V	R7-T21T/AC...V	1:1 compatible
R7-T22T/AC...V	R7-T22T/AC...V	1:1 compatible

Interface Relays

Bold = preferred type for substitution.

Type	Replacement	Notice
CINT-R1/...	CINT-R11/...	1:1 compatible
CINT-R2/...	CINT-R12/...	1:1 compatible
CINT-R5/...	CINT-R15/...	1:1 compatible
CINT-R8/...	CINT-R18/...	1:1 compatible

Semi-conductor Relays

Bold = preferred type for substitution.

Type	Replacement	Notice
CSS-AC	CSS-I12X/...	1:1 compatible
CSS-AZ	CSS-Z12X/...	1:1 compatible
CSS-DCN	CSS-N13X/...	1:1 compatible
CSS-DCP	CSS-P13X/...	1:1 compatible
C37/...V	CSS-P13X/...V	New socket needed, adapt wiring
C38/...V	-	No replacement available
KA108/...V	CSS-I12X/DC5-48V	New socket needed, adapt wiring
KA208/...V	-	No 1:1 replacement available, possibility: 2x CSS-I12X/DC5-48V
KA115/...V	CSS-I12X/DC5-48V	New socket needed, adapt wiring
KD125/...V	CSS-P13X/DC5-48V	New socket needed, adapt wiring
KD215/...V	-	No 1:1 replacement available, possibility: 2x CSS-I12X/DC5-48V
KD315/...V	-	No 1:1 replacement available, possibility: 2x CSS-I12X/DC5-48V

Power electronic

Solid state contactors for ohmic charges 1...3-phase

Bold = preferred type for substitution.

Type	Replacement	Notice
CC1H230H	CC1H230	1:1 compatible
CC1H250H	CC1L450	1:1 compatible
CC1H430H	CC1H430	1:1 compatible
CC1L250	CC1L450	1:1 compatible
CC2H230	-	No replacement available
CC2H630	-	No replacement available
CC3H610	CC3H610-A	1:1 compatible
CC3H610.C2357	CC3H610-A	1:1 compatible
CR11H4125	-	No replacement available
CR11H80	-	No replacement available
CR11L4125	-	No replacement available
CR11L480	-	No replacement available
RC11DA40125	CR11H4125	1:1 compatible, only type designation has changed
RC11DA4080	CR11H480	1:1 compatible, only type designation has changed
RC11DD2310	CR11L210	1:1 compatible, only type designation has changed
RC11DD40125	CR11L4125	1:1 compatible, only type designation has changed
RC11DD4030	CR11L430	1:1 compatible, only type designation has changed
RC11DD4080	CR11L480	1:1 compatible, only type designation has changed
RC22DD4030	CR22L430	1:1 compatible, only type designation has changed
RC33DD4020	CR33L420	1:1 compatible, only type designation has changed

Solid state contactors 1...3-phase

Bold = preferred type for substitution.

Type	Replacement	Notice
SC1DA2315	CC1H215	1:1 compatible, only type designation has changed
SC1DA2330	CC1H230	1:1 compatible, only type designation has changed
SC1DA2330L	CC1H230H	1:1 compatible, only type designation has changed
SC1DA2350L	CC1H250H	1:1 compatible, only type designation has changed
SC1DA4030	CC1H430	1:1 compatible, only type designation has changed
SC1DA4030L	CC1H430H	1:1 compatible, only type designation has changed
SC1DD2315	CC1L215	1:1 compatible, only type designation has changed
SC1DD2350	CC1L250	1:1 compatible, only type designation has changed
SC1DD4015	CC1L415	1:1 compatible, only type designation has changed
SC1DD4030	CC1L430	1:1 compatible, only type designation has changed
SC1DD4050	CC1L450	1:1 compatible, only type designation has changed
SC2DA2330	CC2H230	1:1 compatible, only type designation has changed
SC3DA4010	CC3H410	1:1 compatible, only type designation has changed
SC3DA4020	CC3H420	1:1 compatible, only type designation has changed
SC3DA6010	CC3H610	1:1 compatible, only type designation has changed
SC3DD4010	CC3L410	1:1 compatible, only type designation has changed

Starting current limiter

Bold = preferred type for substitution.

Type	Replacement	Notice
SCL11DA2315BP	CCL11H215USi	1:1 compatible, only type designation has changed
SCL11DA2325BP	CCL11H225USi	1:1 compatible, only type designation has changed
SCL11DA2335BP	CCL11H235USi	1:1 compatible, only type designation has changed
SCL33DA4015BP	CCL33H415USi	1:1 compatible, only type designation has changed
SCL33DA4025BP	CCL33H425USi	1:1 compatible, only type designation has changed
SCL33DA4035BP	CCL33H435USi	1:1 compatible, only type designation has changed

Softstarter with dynamic break (2 Phases switched)

Bold = preferred type for substitution.

Type	Replacement	Notice
SMBC3DA4025	CCMB3H425	1:1 compatible, only type designation has changed

Softstarter (2...3 Phases switched)

Bold = preferred type for substitution.

Type	Replacement	Notice
SMC33DA4015	CCM33H415	1:1 compatible, only type designation has changed
SMC33DA4025BP	CCM33H425US	1:1 compatible, only type designation has changed
SMC33DA4050BP	CCM33H450US	1:1 compatible, only type designation has changed
SMC33DA4830BPi	CCM33H530USi	1:1 compatible, only type designation has changed
SMC33DA4850BPi	CCM33H550USi	1:1 compatible, only type designation has changed
SMC3DA4003	CCM3H403USi	1:1 compatible, only type designation has changed
SMC3DA4015	CCM3H415	1:1 compatible, only type designation has changed
SMC3DA4015DOL	CCM3H415DS	1:1 compatible, only type designation has changed
SMC3DA4025	CCM3H425	1:1 compatible, only type designation has changed

Starting torque limiter 1...3-phase

Bold = preferred type for substitution.

Type	Replacement	Notice
STL3-4015	CTC3415	1:1 compatible, only type designation has changed
STL3-4025	CTC3425	1:1 compatible, only type designation has changed

Power Controller 1-phase

Bold = preferred type for substitution.

Type	Replacement	Notice
SPC1AD2330	CPC1230	1:1 compatible, only type designation has changed
SPC1AD4030	CPC1430	1:1 compatible, only type designation has changed
SPC1AD4050	CPC1450	1:1 compatible, only type designation has changed

Reversing contactors

Bold = preferred type for substitution.

Type	Replacement	Notice
SRC3DA4010	CCR3H410	1:1 compatible, only type designation has changed
SRC3DD4010	CCR3L410	1:1 compatible, only type designation has changed

Monitoring devices

Bold = preferred type for substitution.

Type	Replacement	Notice
ECR-3D-.../...	MRI32/...	No compatible replacement available; different type of construction, re-planning needed
EOCR-AR-... EUCR-BR-...	MRI11/UC...	No compatible replacement available; different type of construction, re-planning needed
EOCR-AR-30/... EUCR-BR-30/...	MRI11/UC... + SRCT-35-50/5A	With current transformer, direct measure till 5A
EOCR-AR-60/... EUCR-BR-60/...	MRI11/UC... + SRCT-35-100/5A	With current transformer, direct measure till 5A
ESU-D2	-	No replacement available
MV52/...V	MV53/AC230V	Other construction
MV53/AC115V	MV53/AC230V	Only AC230V version available
MV62/...V	MV53/AC230V	Other construction
SSU22	MRU11/...V	No transistor output
SSU23	MRU11/...	No transistor output
SSU24	MRU11/...V	No transistor output
SSU25	MRU11/...V	No transistor output
SSU26	MRU11/...V	No transistor output
SSU33L	MRU32/... MRM32/...	Higher resistance to arc erosion; Long Life model
SSU34	MRU32/... MRM32/...	DIN-Device, is not pluggable on a base, Neutral conductor is needed
SSU36	MRU32/... MRM32/...	DIN-Device, is not pluggable on a base, Neutral conductor is needed
SSU31	-	No replacement available
SSU72	MRU11/...	No transistor output
SSU73	MRU11/...	No transistor output
SSU74	MRU11/...	No transistor output
SSU75	MRU11/...	No transistor output
SSU76	MRU11/...	No transistor output
SSU23	MRU11/...	No transistor output
CUB03/UC...V	-	No replacement available
CVG01/UC...V	-	No replacement available
CUEBI 1-10/...	MRI11/...	Pay attention to max. measuring-Input 5A

CUEBU 15-700/...	MRU11/...	1:1 compatible, improved features
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Installation devices / Contactors

Bold = preferred type for substitution.

Type	Replacement	Notice
B103/AC110-127V	-	No replacement type available
C2274	-	No replacement type available
C103.01/AC220-240V	C133.01/AC220-240V	Adapt wiring
C103.01/DC12V	C133.01/DC12V	Adapt wiring
C103.01/UC48V	C133.01/UC48V	Adapt wiring
C103.06/AC110-127V	-	No replacement type available
C103.06/AC220-240V	C203.06/AC220-240V	Adapt wiring
C103.06/DC12V	C203.06/DC12V	Adapt wiring
C103.06/UC24V	C203.06/UC24V	Adapt wiring
C103.06/UC48V	-	No replacement type available
C203.01/AC110-127V	-	No replacement type available
C203.01/DC12V	-	No replacement type available
C203.01/UC48V	-	No replacement type available
C203.04/DC12-15V	-	No replacement type available
C203.04/DC48V	-	No replacement type available
C203.06/AC110-127V	-	No replacement type available
C301..../DC...V	-	No replacement type available
C311.08/DC24V	-	No replacement type available
CR16AX/AC230V	CR16CX/AC230V	Adapt wiring
CR16AX/DC24V	CR16CX/DC24V	Adapt wiring
CR16C/DC24V	CR16CX/DC24V	Adapt wiring
CR23A/DC24V	-	No replacement type available
CR33A/DC24V	-	No replacement type available
CRS1C/AC115V	-	No replacement type available
SOC-2	SOC-6 RIC	Different type of construction
SOC-6-1A/AC230V/50/60HZ	RMC08-310/AC230V	1:1 compatible, enhanced performance
SOC-6-1A/AC24V/50/60HZ	RMC08-310/AC24V	1:1 compatible, enhanced performance
SOC-6-1A/DC24V	RMC11-310/DC24V	1:1 compatible, enhanced performance
SOC-6-1B/AC230V/50/60HZ	RMC08-301/AC230V	1:1 compatible, enhanced performance
SQD-1	QSU35U/AC230V	Adapt wiring

SMS Relay

Bold = preferred type for substitution.

Type	Replacement	Notice
CMS-10/AC110-240V	CMS-10F/AC110-240V	1:1 compatible; with Remote-Access
CMS-10/DC12-48V	CMS-10F/DC12-48V	1:1 compatible; with Remote-Access
CMS-10AD/DC12-48V	CMS-10ADF/DC12-48V	1:1 compatible; with Remote-Access
CMS-10KIT/ AC110-240V	CMS-10FKIT/ AC110-240V	1:1 compatible; with Remote-Access
CMS-10KIT/ DC12-48V	CMS-10FKIT/ DC12-48V	1:1 compatible; with Remote-Access
CMS-10ADKIT/ DC12-48V	CMS-10ADFKIT/ DC12-48V	1:1 compatible; with Remote-Access
CMS-GSM-MOD	-	Remote access can be established via web-portal on

		www.sms-relay.com with devices from firmware version 7.1.2. (production date from 1.6.2015) Older "F" devices can be retrofitted on request.
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Unitronics PLC

Bold = preferred type for substitution.

Type	Replacement	Notice				
EX-A1	EX-A2X	Cables not compatible, new EXL-CAB...				
V130-33-R2	V130-33-TR20	New with 2 additional Transistor-Outputs				
V130-33-R6	V130-33-TR6	New with 2 additional Transistor-Outputs				
V350-35-R2	V350-35-TR20	New with 2 additional Transistor-Outputs				
V350-35-R6	V350-35-TR6	New with 2 additional Transistor-Outputs				
V200-19-ET1	V200-19-ET2	Compatibility	Hardware	OS (since version)	Boot (since version)	VisiLogic (since version)
		V230 / V260 / V280 / V290	1:1	5.4.55 (01/2015)	-	9.7.41
		V530 / V560 / V570	1:1	3.3.0 (11/2010)	2.2.04	9.0.0
		V1040 / V1210	1:1	3.3.0 (11/2010)	2.2.04	9.0.0

Miniature controller / BoxX

Bold = preferred type for substitution.

Type	Replacement	Notice
AF-MUL/...	-	No replacement available
AF-DUSB	-	No replacement available, use AF-D232 with CMS-USB

Sockets

Bold = preferred type for substitution.

Type	Replacement	Notice
CS-108	CS-118	1:1 compatible
CS-116	CS-106	Application compatible, not wiring compatible; only one terminal for A2 Adapt wiring; optional with neutral conductor bridge I _{Nom} 10A
CS-18	CS-118	1:1 compatible, optional with neutral conductor bridge
CS-14	CS-144	1:1 compatible
CS-15	CS-155	Application compatible, not wiring compatible; Adapt wiring; Retaining spring HF-32 no more included
11 PGF	11 PGL	No compatible replacement available
11 PGH	CS-11 EC-11 C11A	On sockets EC-11 and C11A, the terminal number 6 is now below
11 PGW	11 PGL	No compatible replacement available
EC-8	CS-8	1:1 compatible

Accessories

Bold = preferred type for substitution.

Type	Replacement	Notice
FZ-50F	FZ-50L	Different connecting technique
CINT-BR20	CRINT-BR20-BK /5	Bag 5 pcs
CINT-BEZ/64	CRINT-LAB/64	Bag 4x16 pcs
CA-11/5	S3-BC (5 PCS) R	Bag 5 pcs
S4-R	S5-R	No 1:1 replacement

Notes

Notes