

# CT-S range Ordering details



CT-MVS.21P



CT-MBS.22P

## Description

The highly sophisticated CT-S range in ABB's new S-range housing offers two different types of connection terminals and is ideally suited for universal use. Two different connection technologies are available:

- Double-chamber cage connection terminals:
- Easy Connect Technology:

## Accessories:

The CT-S range offers the possibility of using accessories such as a remote potentiometer to adjust the time delay or a sealable, transparent cover to protect against unauthorized changes of time and threshold values.

## Ordering details

Time function	Rated control supply voltage	Time ranges	Control input	Output	Reference code	Catalog number	Weight (1 pce) kg (lb)
	24-240 V AC/DC <sup>2)</sup> <sup>3) 4)</sup>	10 (0.05 s-300 h)	■	2 c/o	CT-MVS.21S	1SVR730020R0200	0.148 (0.326)
					CT-MVS.21P	1SVR740020R0200	0.136 (0.300)
					CT-MVS.22S	1SVR730020R3300	0.142 (0.313)
					CT-MVS.22P	1SVR740020R3300	0.131 (0.289)
					CT-MVS.23S	1SVR730021R2300	0.144 (0.317)
					CT-MVS.23P	1SVR740021R2300	0.133 (0.293)
	24-48 V DC, 24-240 V AC	10 (0.05 s-300 h)	■	1 c/o	CT-MVS.12S	1SVR730020R3100	0.107 (0.236)
					CT-MVS.12P	1SVR740020R3100	0.102 (0.225)
	24-48 V DC, 24-240 V AC <sup>5)</sup>	2 x 10 (0.05 s-300 h)	■	2 c/o	CT-MXS.22S	1SVR730030R3300	0.142 (0.313)
					CT-MXS.22P	1SVR740030R3300	0.131 (0.289)
	24-240 V AC/DC <sup>2)</sup> <sup>3) 4)</sup>	10 (0.05 s-300 h)	◇/◇	2 c/o	CT-MFS.21S	1SVR730010R0200	0.145 (0.320)
					CT-MFS.21P	1SVR740010R0200	0.133 (0.293)
					CT-MBS.22S	1SVR730010R3200	0.140 (0.309)
					CT-MBS.22P	1SVR740010R3200	0.129 (0.284)

- ON-delay (accumulative)  
OFF-delay without aux. voltage
- OFF-delay without aux. voltage
- Impulse-ON
- Impulse-OFF
- Symmetrical ON-delay and OFF-delay
- Flasher starting with ON
- Flasher starting with OFF
- Pulse generator starting
- Star-delta change-over with impulse
- Pulse former
- ON/OFF-function
- Star-delta change-over twice
- ON-delayed with ON or OFF
- Pulse generator starting with ON or OFF
- Single-pulse generator
- Impulse-ON/OFF
- Flasher starting with ON
- Flasher starting with OFF
- fixed impulse with adjustable time delay
- Adjustable impulse with fixed time delay

1) Asymmetrical ON- and OFF-delay  
 2) Extended temperature range -40 °C  
 3) Remote potentiometer connection  
 4) 2nd c/o contact selectable as instantaneous contact  
 5) 2 remote potentiometer connections

■ Control input with voltage-related triggering  
 ◇ Control input with volt-free triggering

# CT-S range

## Ordering details



CT-ERS.21P



CT-AHS.22P



CT-SDS.23P

- ☒(+)  
■ ON-delay (accumulative)  
OFF-delay without aux. voltage
- 1⏏  
☒  
☒  
☒  
☐ Impulse-ON  
Flasher starting with ON  
Flasher starting with OFF  
ON/OFF-function
- 1⏏  
☒  
☒  
☒  
☒1⏏  
■1⏏  
△ Impulse-ON/OFF  
Flasher starting with ON  
Flasher starting with OFF  
fixed impulse with adjustable time delay  
Adjustable impulse with fixed time delay  
Star-delta change-over

Time function	Rated control supply voltage	Time ranges	Control input	Output	Reference code	Catalog number	Weight (1 pce) kg (lb)
☒ 1⏏ ☒ ☒ ☐ ☒1⏏ ■1⏏	24-48 V DC, 24-240 V AC	10 (0.05 s- 300 h)		2 c/o	CT-WBS.22S	1SVR730040R3300	0.123 (0.271)
					CT-WBS.22P	1SVR740040R3300	0.115 (0.254)
☒	24-240 V AC/ DC 2)	10 (0.05 s- 300 h)		2 c/o	CT-ERS.21S	1SVR730100R0300	0.130 (0.287)
	CT-ERS.21P				1SVR740100R0300	0.121 (0.267)	
	CT-ERS.22S				1SVR730100R3300	0.121 (0.267)	
	24-48 V DC, 24-240 V AC			1 c/o	CT-ERS.22P	1SVR740100R3300	0.113 (0.249)
	CT-ERS.12S				1SVR730100R3100	0.106 (0.234)	
	CT-ERS.12P				1SVR740100R3100	0.101 (0.222)	
■	24-240 V AC/ DC 2)	10 (0.05 s- 300 h)	■	2 c/o	CT-APS.21S	1SVR730180R0300	0.146 (0.322)
	CT-APS.21P				1SVR740180R0300	0.125 (0.276)	
	CT-APS.22S				1SVR730180R3300	0.138 (0.304)	
	CT-APS.22P				1SVR740180R3300	0.127 (0.280)	
	24-48 V DC, 24-240 V AC			1 c/o	CT-APS.12S	1SVR730180R3100	0.109 (0.240)
	CT-APS.12P				1SVR740180R3100	0.103 (0.227)	
	CT-AHS.22S				1SVR730110R3300	0.136 (0.300)	
	CT-AHS.22P				1SVR740110R3300	0.125 (0.276)	
■ 6)	24-240 V AC/DC	7 (0.05 s- 10 min)		1 c/o	CT-ARS.11S	1SVR730120R3100	0.106 (0.234)
					CT-ARS.11P	1SVR740120R3100	0.100 (0.220)
				2 c/o	CT-ARS.21S	1SVR730120R3300	0.124 (0.273)
					CT-ARS.21P	1SVR740120R3300	0.115 (0.254)
■ 6)	110-127 V AC or 110 V DC 8)				CT-VBS.17	1SVR430261R6000	0.123 (0.271)
	200-240 V AC/DC 8)				CT-VBS.18	1SVR430261R5000	0.118 (0.260)
△ 7)	24-48 V DC, 24-240 V AC	7 (0.05 s- 10 min)		2 n/o	CT-SDS.22S	1SVR730210R3300	0.114 (0.251)
					CT-SDS.22P	1SVR740210R3300	0.108 (0.238)
					CT-SDS.23S	1SVR730211R2300	0.118 (0.260)
					CT-SDS.23P	1SVR740211R2300	0.112 (0.247)
	380-440 V AC						

1) Asymmetrical ON- and OFF-delay  
 2) Extended temperature range -40 °C  
 3) Remote potentiometer connection  
 4) 2nd c/o contact selectable as instantaneously contact  
 5) 2 remote potentiometer connections  
 6) Without auxiliary voltage  
 7) 50 ms transition time  
 8) For DC contactor coils

■ Control input with voltage-related triggering  
 ◆ Control input with volt-free triggering

## CT-S range Ordering details



CT-IRS.35

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ON/OFF-function

Time function	Rated control supply voltage	Time ranges	Control input	Output	Reference code	Catalog number	Weight (1 pce) kg (lb)	
□	24 V AC/DC			2 c/o	CT-IRS.16	1SVR430220R9100	0.121 (0.267)	
	110-240 V AC				CT-IRS.14	1SVR430221R7100	0.126 (0.278)	
	24 V AC/DC				CT-IRS.26	1SVR430220R9300	0.135 (0.298)	
	110-240 V AC				CT-IRS.24	1SVR430221R7300	0.141 (0.311)	
	24 V AC/DC			2 c/o	CT-IRS.26G <sup>9)</sup>	1SVR430230R9300	0.147 (0.324)	
	110-240 V AC				CT-IRS.24G <sup>9)</sup>	1SVR430231R7300	0.150 (0.331)	
	24 V AC/DC				3 c/o	CT-IRS.36	1SVR430220R9400	0.159 (0.351)
	220-240 V AC					CT-IRS.35	1SVR430221R1400	0.161 (0.355)

<sup>9)</sup> Contacts with gold-plated contacts