


[1.7 APPLICATION FUNCT.] (FUn-)



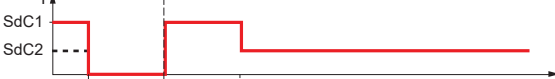



Code	Name/Description	Adjustment range	Factory setting
AdC -	[AUTO DC INJECTION]		
AdC (↻) nO YES Ct	<input type="checkbox"/> [Auto DC injection] Automatic current injection on stopping (at the end of the ramp)		[Yes] (YES)
	<input type="checkbox"/> [No] (nO) : No injection. <input type="checkbox"/> [Yes] (YES) : Adjustable injection time. <input type="checkbox"/> [Continuous] (Ct) : Continuous standstill injection. Warning , there is an interlock between this function and [Motor fluxing] (FLU) page 154. If [Motor fluxing] (FLU) = [Continuous] (Ct) [Auto DC injection] (AdC) must be [No] (nO) .  Note : This parameter gives rise to the injection of current even if a run command has not been sent. It can be accessed with the drive running.		
SdC 1 (↻)	<input type="checkbox"/> [Auto DC inj. level 1] (1) Level of standstill DC injection current [Auto DC injection] (AdC) is not [No] (nO) . This parameter is forced to 0 if [Motor control type] (Ctt) page 71 = [Sync. mot.] (SYn) ..	0 to 1.2 In (2)	0.7 In (2)
CAUTION			
Check that the motor will withstand this current without overheating. Failure to follow this instruction can result in equipment damage.			
EdC 1 (↻)	<input type="checkbox"/> [Auto DC inj. time 1] (1) Standstill injection time. The parameter can be accessed if [Auto DC injection] (AdC) is not [No] (nO) . If [Motor control type] (Ctt) page 71 = [FVC] (FUC) or [Sync. mot.] (SYn) this time corresponds to the zero speed maintenance time.	0.1 to 30 s	0.5 s
SdC 2 (↻)	<input type="checkbox"/> [Auto DC inj. level 2] (1) 2 nd level of standstill DC injection current. The parameter can be accessed if [Auto DC injection] (AdC) is not [No] (nO) . This parameter is forced to 0 if [Motor control type] (Ctt) page 71 = [Sync. mot.] (SYn) ..	0 to 1.2 In (2)	0.5 In (2)
CAUTION			
Check that the motor will withstand this current without overheating. Failure to follow this instruction can result in equipment damage.			

(1) The parameter can also be accessed in the **[1.3 SETTINGS] (SEt-)** menu.

(2) In corresponds to the rated drive current indicated in the Installation Manual and on the drive nameplate.

 Parameter that can be modified during operation or when stopped.

[1.7 APPLICATION FUNCT.] (FUn-)

Code	Name/Description	Adjustment range	Factory setting
[AUTO DC INJECTION] (continued)			
tdC2 	<input type="checkbox"/> [Auto DC inj. time 2] (1) 2 nd standstill injection time. The parameter can be accessed if [Auto DC injection] (AdC) = [Yes] (YES.)	0 to 30 s	0 s
AdC	SdC2	Operation	
YES	x		
Ct	≠ 0		
Ct	= 0		
Run command			
Speed			

Note: When [Motor control type] (Ctt) page 71 = [FVC] (FUC):
 [Auto DC inj. level 1] (SdC1), [Auto DC inj. level 2] (SdC2) and [Auto DC inj. time 2] (tdC2) cannot be accessed, only [Auto DC inj. time 1] (tdC1) can be accessed. This then corresponds to a zero speed maintenance time.

(1) The parameter can also be accessed in the [1.3 SETTINGS] (SEt-) menu.

 Parameter that can be modified during operation or when stopped.