

SAFETY INSTRUCTIONS

**AF(C)40...96(B)-30, CA4, CAL4, CAT4, CC4, LDC4, RV4, RC4**  
**Contactors AF and accessories**

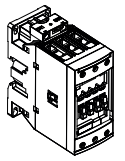
Doc.no.15BC101036M6801 (03/23)

	<p>it <b>Attenzione: Tensione pericolosa! Fare riferimento alle istruzioni per l'uso.</b>          Prima di intervenire su questo dispositivo, scollegare e isolare tutte le fonti di alimentazione. <b>Attenzione!</b> L'installazione deve essere eseguita esclusivamente da un installatore qualificato.</p>
<p>ar <b>تحذير: جهد كهربائي خطر!</b>          راجع تعليمات التشغيل.          افصل الكهرباء وقم بتأمينها قبل العمل في هذا الجهاز.          تنبيه! يجب عدم التركيب إلا من خلال شخص على دراية بمجال التقنية الكهربائية.</p>	<p>lt <b>Įspėjimas: Pavojinga įtampa! Žr. naudojimo instrukcijas.</b> Atjunkite ir laikinai užblokuokite maitinimą prieš dirbdami su šiuo įrenginiu. <b>Dėmesio!</b> Įrengti gali tik asmuo, turintis elektrotechniko patirties.</p>
<p>bg <b>Предупреждение: Опасно напрежение! Вижте инструкциите за работа.</b>          Изключете и блокирайте захранването преди да работите с устройството. <b>Внимание!</b> Да се монтира само от експерт електротехник.</p>	<p>lv <b>Brīdinājums: Bīstams spriegums! Skatiet darba norādījumus.</b> Pirms sākat darbu ar šo ierīci, atvienojiet un bloķējiet strāvas padevi. <b>Uzmanību!</b> Uzstādīšanu drīkst veikt tikai persona ar zināšanām par elektrotehniku.</p>
<p>cs <b>Varování: Nebezpečné napětí! Viz návod k obsluze.</b> Před zahájením prací na tomto zařízení odpojte a uzamkněte napájení. <b>Pozor!</b> Toto zařízení smí instalovat pouze osoba s elektrotechnickou odborností.</p>	<p>nl <b>Waarschuwing: Gevaarlijke spanning! Raadpleeg de installatie-instructies.</b> Koppel dit apparaat los van de stroomvoorziening voordat u werkzaamheden uitvoert. <b>Let op!</b> Installatie mag alleen worden uitgevoerd door een monteur met elektrotechnische expertise.</p>
<p>da <b>Advarsel: Farlig elektrisk spænding! Se installationsinstruktioner.</b> Frakobl enheden, og afbryd strømforsyningen, før du arbejder med denne enhed. <b>Giv agt!</b> Installation må kun foretages af personer med elektroteknisk ekspertise.</p>	<p>no <b>Advarsel: Farlig spenning! Se i bruksanvisningen.</b> Koble fra og steng av strømmen før du arbeider på denne enheten. <b>Forsiktig!</b> Montering skal kun utføres av kvalifiserte personer med elektrokompetanse.</p>
<p>de <b>Warnung: Gefährliche Spannung! Siehe Installationsanleitung.</b> Vor dem Arbeiten Gerät ausschalten und von der Spannungsversorgung trennen. <b>Achtung!</b> Installation nur durch elektrotechnische Fachkraft.</p>	<p>pl <b>Ostrzeżenie: Niebezpieczne napięcie! Patrz: instrukcja instalacji.</b> Przed rozpoczęciem wykonywania pracy z tym urządzeniem odłącz i zablokuj zasilanie. <b>Uwaga!</b> Montaż może wykonywać wyłącznie osoba posiadająca doświadczenie elektrotechniczne.</p>
<p>el <b>Προειδοποίηση: Επικίνδυνη τάση! Ανατρέξτε στις οδηγίες λειτουργίας.</b> Αποσυνδέστε και απομονώστε την παροχή ισχύος προτού ξεκινήσετε τις εργασίες σε αυτήν τη συσκευή. <b>Προσοχή!</b> Η εγκατάσταση πρέπει να γίνεται μόνο από αδειούχο ηλεκτρολόγο εγκαταστάτη.</p>	<p>pt <b>Aviso: Tensão perigosa! Consulte as instruções de instalação.</b> Desconecte e desligue a energia elétrica antes de trabalhar nesse dispositivo. <b>Atenção!</b> A instalação deve ser feita apenas por uma pessoa com especialidade eletrotécnica.</p>
<p>en <b>Warning: Hazardous voltage! Refer to installation instructions.</b> Disconnect and lock out power before working on this device. <b>Attention!</b> Installation by person with electrotechnical expertise only.</p>	<p>ro <b>Avertisment: Tensiune electrică periculoasă! Consultați instrucțiunile de utilizare.</b> Deconectați și închideți sursa de energie înainte de a lucra cu acest dispozitiv. <b>Atenție!</b> Instalarea trebuie realizată doar de către o persoană cu expertiză electrotehnică.</p>
<p>es <b>Advertencia: ¡Tensión peligrosa! Consulte las instrucciones de instalación.</b> Antes de trabajar con este dispositivo, desconecte y bloquee la corriente. <b>¡Atención!</b> La instalación debe ser realizada únicamente por un técnico electricista.</p>	<p>ru <b>Предупреждение: Опасное электрическое напряжение! Обратитесь к инструкциям по монтажу.</b> Отключите электропитание и обеспечьте безопасность перед началом работ. <b>Внимание!</b> Монтаж должен выполняться только специалистом по электротехническим работам.</p>
<p>et <b>Hoiatus: Elektrilöögi oht!</b> Lisateavet vaadake kasutusjuhendist. Enne selle seadmega töötamist ühendage lahti ja lukustage toide. Tähelepanu! Seadet tohib paigaldada ainult elektrotehnilise kogemusega isik.</p>	<p>sk <b>Výstraha: Nebezpečné napätie! Pozrite si návod na použitie.</b> Pred začatím prác na tomto zariadení odpojte a zablokujte napájanie. <b>Pozor!</b> Inštaláciu smie vykonávať len osoba s odbornými znalosťami v oblasti elektrotechniky.</p>
<p>fi <b>Varoitus: Vaarallinen jännite! Katso asennusohje.</b> atkaise virta ja estä virran kytkeminen lukituksella ennen töiden aloittamista. <b>Huomio!</b> Asennuksen saa suorittaa vain henkilö, jolla on kokemusta sähkötekniikasta.</p>	<p>sl <b>Opozorilo: Nevarna napetost! Glejte navodila za uporabo.</b> Pred delom na tej napravi izklopite in zaklenite električno napajanje. <b>Pozor!</b> Namestitve sme izvesti samo elektrotehnični strokovnjak.</p>
<p>fr <b>Avertissement: Tension dangereuse! Consultez les consignes d'installation.</b> Débranchez et verrouillez l'alimentation électrique avant d'entreprendre des travaux sur cet appareil. <b>Attention!</b> L'installation doit être effectuée uniquement par une personne ayant une expertise en électrotechnique.</p>	<p>sv <b>Varning: Livsfarlig spänning! Se i bruksanvisningen.</b> Frånkoppla och blockera anläggning eller en anläggningsdel innan arbete utförs. <b>Obs!</b> Får endast installeras av behörig elektriker.</p>
<p>hr <b>Upozorenje: Opasan napon! Pogledajte upute za ugradnju.</b> Odspojite i isključite struju prije rada na ovom uređaju. <b>Pažnja!</b> Ugradnja je dopuštena samo osobama stručnim u području elektrotehnike.</p>	<p>tr <b>Uyarı: Tehlikeli gerilim! Montaj talimatlarına bakın.</b> Bu cihaz üzerinde çalışmadan önce elektriği kesin ve kilitleyin. <b>Dikkat!</b> Yalnızca elektroteknik uzmanlığa sahip kişiler tarafından kurulabilir.</p>
<p>hu <b>Figyelmeztetés: Veszélyes feszültség! Lásd a használati utasítást.</b> Válassza le és zárja ki az áramellátást, mielőtt a berendezésen dolgozni kezd. <b>Figyelem!</b> Az üzembe helyezés csak elektrotechnikai szakértelemmel rendelkező személy végezheti el.</p>	<p>zh <b>警告：高压危险！请参见操作手册。</b> 操作本设备前请断开并锁定电源。 <b>注意！</b> 安装仅限专业电工人员。</p>

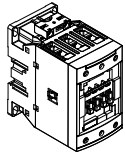
INSTALLATION INSTRUCTIONS

# AF(C)40...96(B)-30, CA4, CAL4, CAT4, CC4, LDC4, RV4, RC4

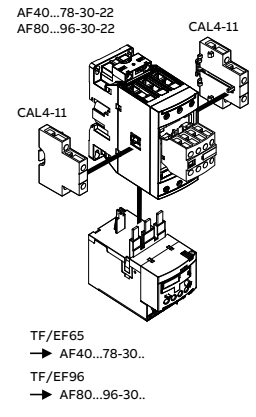
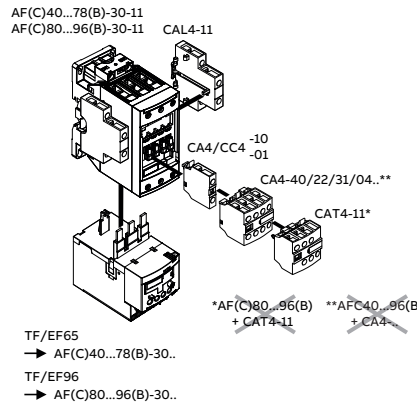
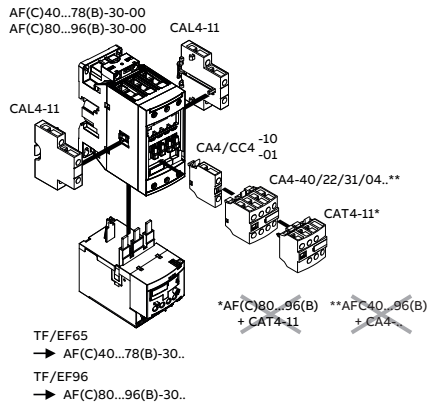
## Contactors AF and accessories



AF(C)40...78(B)

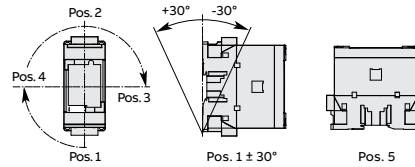


AF(C)80...96(B)



	AF(C)40...96(B)-30-00	AF(C)40...96(B)-30-11	AF(C)40...96(B)-30-22
Pos. 1, 1 ± 30°, 2, 3, 4, 5	max 8 aux contacts* / 6NC**	max 6 aux contacts* / 5NC**	max 2x CAL4-11

⚠ CC4 : \* max 1x CC4-10 + max 1x CC4-01 / CC4-01 : \*\* max NC-1



				Rigid Solid	Rigid Stranded					
	AF(C)40...78(B)-30	M6 4 Nm (35 Lb.in)	Ø 6.5 mm (0.26 in)	Pozidriv N°2	-	1 or 2 x 6...35 mm <sup>2</sup> 1 or 2 x AWG 10-2	1 or 2 x 4...35 mm <sup>2</sup>	1 or 2 x 4...35 mm <sup>2</sup>	16 mm (0.63 in)	-
	AF(C)80...96(B)-30	M8 6 Nm (53 Lb.in)	-	Hexagon 4 mm	-	1 x 6...70 mm <sup>2</sup> 2 x 6...50 mm <sup>2</sup> 1 or 2 x AWG 6-1	1 or 2 x 6...50 mm <sup>2</sup>	1 or 2 x 6...50 mm <sup>2</sup>	17 mm (0.67 in)	-
	AF(C)40...96(B)-30-11 AF40...96-30-22									
	AF(C)40...96(B)-30 LDC4 RV4.../RC4...	M 3.5 1.2 Nm (11 Lb.in)	Ø 5.5 mm (0.22 in)	Pozidriv N°2	1 or 2 x 1...2.5 mm <sup>2</sup> 1 or 2 x AWG 18-14	1 or 2 x 0.75...2.5 mm <sup>2</sup>	1 x 0.75...2.5 mm <sup>2</sup> 2 x 0.75...1.5 mm <sup>2</sup>	10 mm (0.39 in)	< 8 mm (0.31 in)	
	CA4-... CC4-... CAT4-... CAL4-11									

Push-in / Spring	Wiring / Unwiring		Rigid Solid				
	LDC4K 		1 or 2 x 1...2.5 mm <sup>2</sup> 1 or 2 x AWG 18-14	1 or 2 x 1...2.5 mm <sup>2</sup>	1 or 2 x 1...1.5 mm <sup>2</sup>	-	10 mm (0.39 in)
	CA(L)4...K 		1 or 2 x 0.5...2.5 mm <sup>2</sup>	1 or 2 x 0.5...2.5 mm <sup>2</sup>	1 or 2 x 0.5...1.5 mm <sup>2</sup>	1 or 2 x 0.5...2.5 mm <sup>2</sup>	

According to UL60947-4-1 and CSA C22.2 NO. 60947-4-1, for use on a circuit capable of delivering not more than the max. symmetrical amperes at the max. voltage shown in the table below.  
**WARNING : if opening of BCP, controller shall be examined and replaced if damaged.**

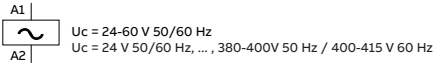
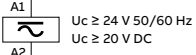
Max short-circuit at	AF(C)40...52(B)-30		AF(C)65...78(B)-30		AF(C)80...96(B)-30	
	max Fuse 150 A/RK5	max Fuse 150 A/J	max Fuse 150 A/RK5	max Fuse 150 A/J	max Fuse 200 A/RK5	max Fuse 200 A/J
480 V (kA)	5	100	10	100	10	100
Max short-circuit at	AF(C)40...96(B)-30					
	Circuit Breaker T4H250 (250 A)	Circuit Breaker T4V250 (250 A)	Circuit Breaker XT4H250 (250 A)	Circuit Breaker XT4L250 (250 A)		
480 V (kA)	65	100	65	100		
600 V (kA)	35	100	25	50		

Acc. to UL60947-4-1 and CSA C22.2 NO. 60947-4-1, min. enclosure for:  
 AF(C)40...78(B): 255 x 180 x 175 mm  
 AF(C)80...96(B): 300 x 300 x 200 mm

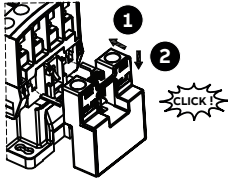
INSTALLATION INSTRUCTIONS

# AF(C)40...96(B)-30, CA4, CAL4, CAT4, CC4, LDC4, RV4, RC4

## Contactors AF and accessories

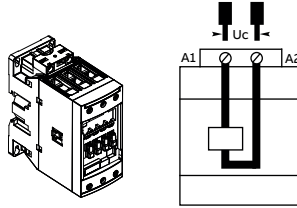


AF(C)40...96:  
LDC4(K) feeder block can be replaced by RC4.. / RV4.. surge suppressor.  
When using 2 feeder blocks, one of them can be replaced by RC4.. / RV4.. surge suppressor.

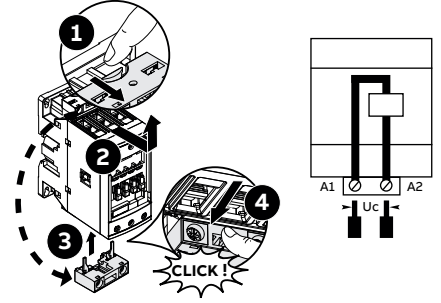


...	Devices comply to GB21518	Energy efficiency level	Holding power VA
... V 50/60 Hz			
24...250 V	AF40...96(B)-30..	2	3.5
250...500 V	AF40...65(B)-30.. AF80...96(B)-30..	2	7.5
24...440 V	AFC40...78-30.. AFC80...96-30..	2	25
		2	25

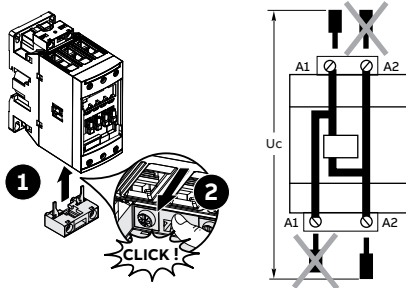
AF(C)40...96(B)



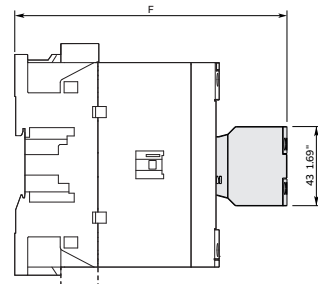
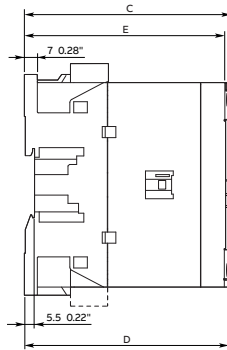
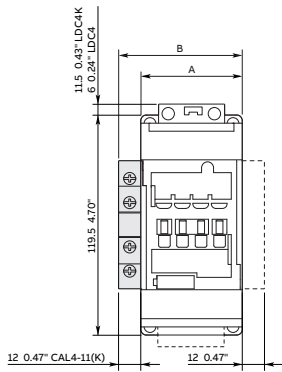
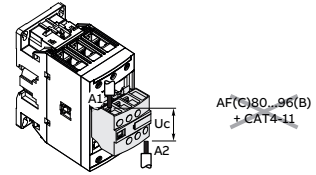
AF(C)40...96(B)



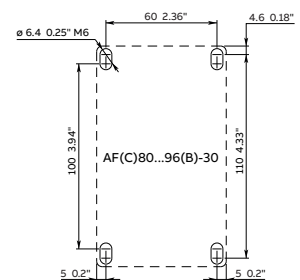
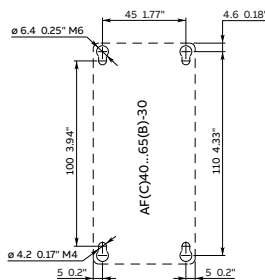
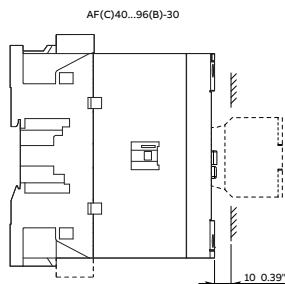
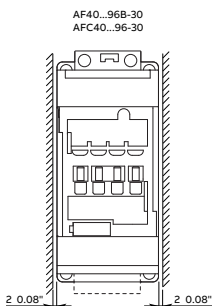
AF(C)40...96(B) + LDC4(K)



AF(C)40...96(B) + CAT4...



	A mm inch	B mm inch	C mm inch	D mm inch	E mm inch	F mm inch	
						CA4(K) CC4	CAT4
AF(C)40...78(B)-30-00 AF(C)40...78(B)-30-11 AF40...65-30-22	55 2.17"	- 67 2.64"	111 4.37"	111 4.37"	109 4.29"	144 5.67"	136 5.35"
AF(C)80...96(B)-30-00 AF(C)80...96(B)-30-11 AF80...96-30-22	70 2.76"	- 82 3.23"	116 4.57"	116 4.57"	112.5 4.43"	149 5.87"	-

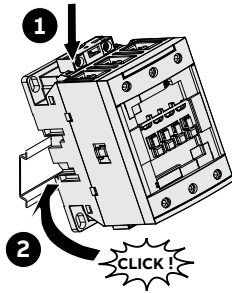


INSTALLATION INSTRUCTIONS

# AF(C)40...96(B)-30, CA4, CAL4, CAT4, CC4, LDC4, RV4, RC4

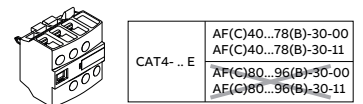
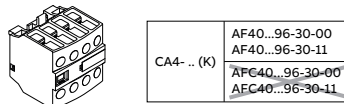
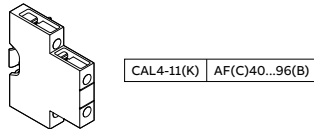
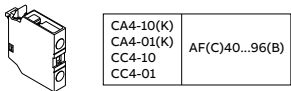
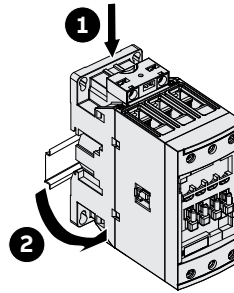
## Contactors AF and accessories

**Assembly**

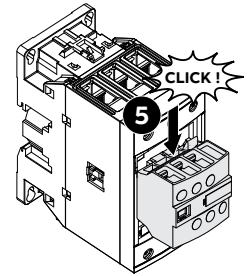
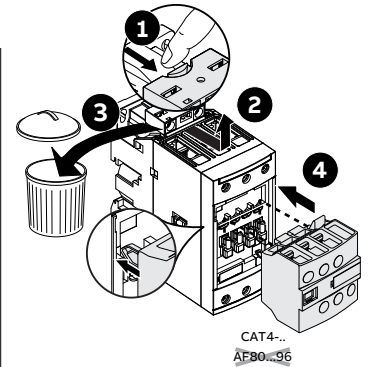
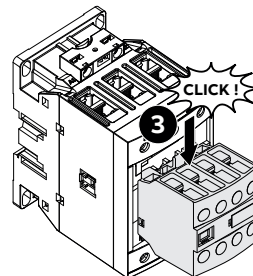
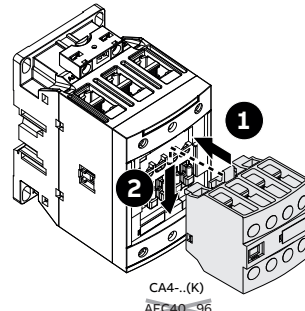
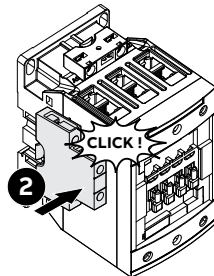
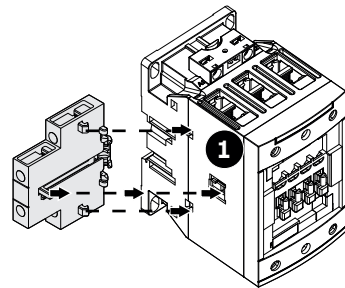
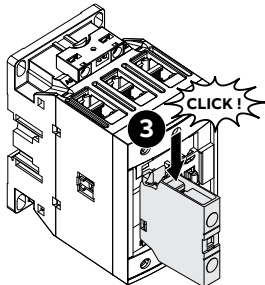
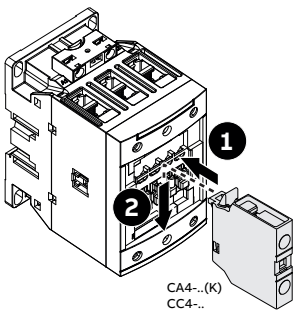


35 x 7.5 mm / 35 x 15 mm : AF(C)40...78(B)-30.  
35 x 15 mm : AF(C)80/96(B)-30.  
EN/IEC 60715

**Disassembly**



**Assembly**



**Disassembly**

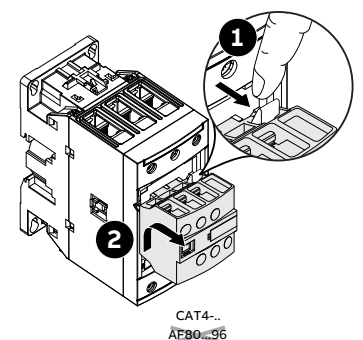
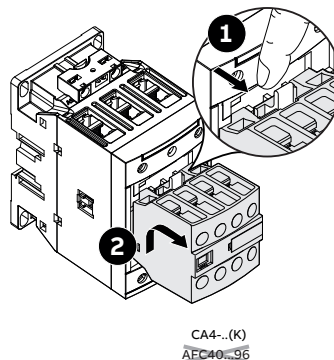
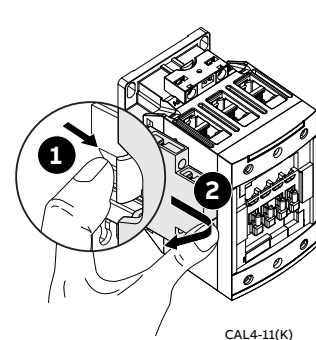
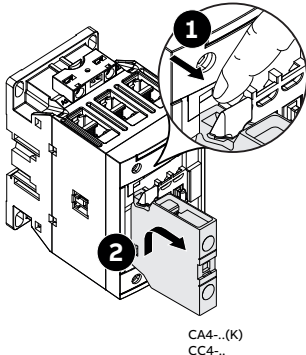


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Further information:



Revision  
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Revision date  
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