



## Capacitor Extension Modul NCBA0739G10004

### 1 Short Description

The CEM modul is used to increase the buffer energy for the devices **C-TEC 1203** and **AC C-TEC 1203-05**.

The **C-TEC** monitors and controls the charging and discharging of the extension moduls.

### 2 Technical Data

Nominal input voltage	12 V DC
Input voltage range	0... 13,2 V DC 0... 12 V DC +10%
Buffer capacity	2 kJ
Nominal input current	3 A DC
Nominal output current	3 A DC
Fusing input	3 A T (PTC internal)
fusing DC output circuit	3 A T (PTC internal)
Type of connection input ,C+/C-'	Spring terminal max. 1,0mm <sup>2</sup>
Type of connection output ,C+/C-'	Spring terminal max. 1,0mm <sup>2</sup>
Protective system	IP 20 and EN 60529
Storage temperature	-40...60°C
Environmental temperature	-40...60°C
Max. mounting heigth (without load reduction)	2000 m above sea level
Dimensions (HxBxT)	92,5 mm, 60 mm, 116 mm
weight	0,65 kg



### 3 Norms and Regulations

Terminal voltage	SELV / PELV according to EN 60950 EN 50178
Emitted interference	EN 6100-3-2 EN 6100-3-3 class A EN 55011 class B EN 62040 -2
Noise immunity	EN 61000-6-2 EN 62040-2  EN 61000-4-2 (Static discharge ESD) 8kV/6kV EN 61000-4-3 (Electromagnetic fields) 10V/m 27 – 1000MHz 3V/m 1400 - 2700MHz EN 61000-4-4 (fast transients / Burst) DC IN, DC OUT 2kV others 1kV EN 61000-4-5 ( Surge) DC IN 0.5kV EN 61000-4-6 (conducted immunity) 10V 150kHz – 80MHz EN 61000-4-11 (voltage interruptions) back-up with ultra capacitor
Total unit	EN 50178 EN 60950