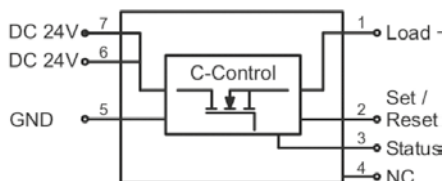# ELECTRONIC OVERCURRENT PROTECTION

- **Programmable from 1 A to 10 A**
- **3 programmable characteristic curves**
- **Remote or local ON/OFF control**
- **Green ON/red OFF status LED and remote signalling**
- **Slide contact for manual disconnection**
- **Sealable front cover for programming protection**

NOTE
Remote control is through 24 Vdc pulses. Such pulse durations should be: = impulse > 1 s / OFF = impulse > 100 ms and < 800 ms
The 3 standard characteristic curves are shown in the diagrams; the CEP-D3 version also has a softwareprogram-mable curve.

1) sealable cover
2) programming current
3) identification tag
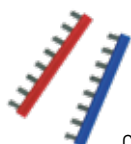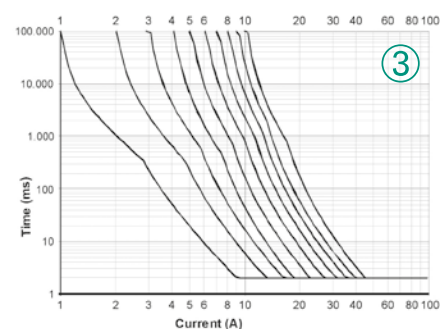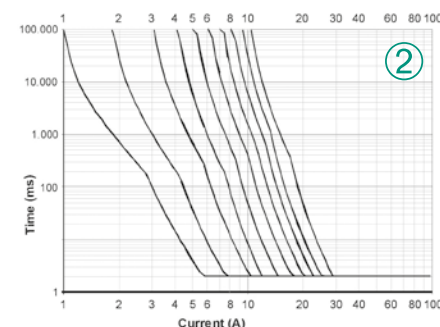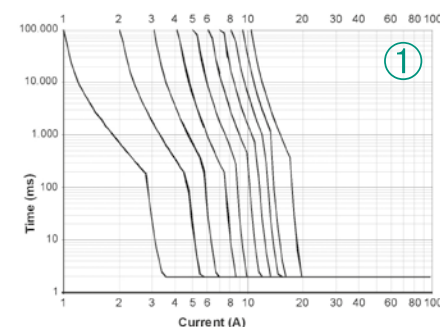4) programming intervention curve
5) replacing the fuse

CODE	XCEPD1
TYPE	**CEP-D1**
INPUT TECHNICAL DATA	
Input rated voltage	24 Vdc
Input voltage range	18...32 Vdc
Input current	10 A DC max
OUTPUT TECHNICAL DATA	
Output rated voltage	24 Vdc (caduta di tensione <170 mV a Un / In)
Continuous current	1 ... 10 A DC programmabili con incrementi di 1 A.
Max system current	40 A DC tramite barra di distribuzione CEP-RCC
Default trip curves	lenta, media e veloce
Max connectable output capacity	10,000 µF
Protection	elettronica, contro l'inversione di polarità
Remone On-OFF control	impulso 24 Vdc esterno
Status indication	LED verde: costante = OK, lampeggio = Iout al 90% del valore nominale, LED rosso: costante = uscita spenta manualmente, lampeggio lento = sovracorrente, lampeggio veloce = errore
Alarm contact	transistor a collettore aperto (sovracorrente)
GENERAL TECHNICAL DATA	
Operating temperature range	–25...+60°C (derating -2 A >40°C)
Input / output isolation	3 KVac / 60 s (uscita SELV)
Standard / approvals	EN60950-1
EMC Standards	EN61131-1, EN61131-2, EN60898, EN60947-4-1, EN50081
Overvoltage category / Pollution degree	II / 2
Protection degree	IP 20
Connection terminal IN/OUT	2.5 mm² / 2.5 mm²
Housing material	materiale plastico UL94V-0
Dimension	8x115x116 mm
Approximate weight	120 g
Mounting information	verticale una guida, affiancati
APPROVALS	
	CE c$\mathbf{RU}$us
ACCESSORIES	
Mounting rail (IEC60715/TH35-7.5)	PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB
Mounting rail (IEC60715/TH35-15)	—
Marking tag	CEP-MTW (codice XCEPMTW, tabella con 50 cartellini) CEP-SS (codice XCEPSS) CEP-RCC (codice XCEPRCC) CEP-RCP (codice XCEPRCP) CEP-BCR (8 poli rosso) CEP-BCB (8 poli blu)

Characteristic curve:
1) fast
2) medium
3) slow

CEP-BCR and CEP-BCB

CEP-MTW

CEP-SS