

# 1.10 EPIC® M C

## Einsätze / Inserts / Inserts

### Technische Daten

- Polzahl: . . . . . 2 – 280
- Bemessungsspannung: . . . VDE: 30 – 1000 V  
UL: 100 – 600 V  
CSA: 100 – 600 V
- Bemessungsstrom: . . . . . VDE: 1 – 82 A  
UL: 4 – 40 A  
CSA: 4 – 35 A
- Verschmutzungsgrad: . . . . . 3
- Bemessungsstoßspannung: 1,25 – 8 kV, abhängig vom Modul
- Leitungsanschluss: . . . . . Crimpanschluss: 0,14 – 10 mm<sup>2</sup>  
Käfigzugfeder: 0,5 – 2,5 mm<sup>2</sup>
- Temperaturbereich: . . . . . -40 °C bis +100 °C,  
kurzzeitig bis +125 °C
- Kontakte: . . . . . Kupferlegierung,  
hartversilbert/hartvergoldet
- Durchgangswiderstand: . . . < 1 mOhm – < 5 mOhm
- Brandverhalten: . . . . . UL 94 V-O
- Steckzyklen: . . . . . 100 (je nach Anwendungsfall,  
höhere Steckzyklen möglich)

### Technical Data

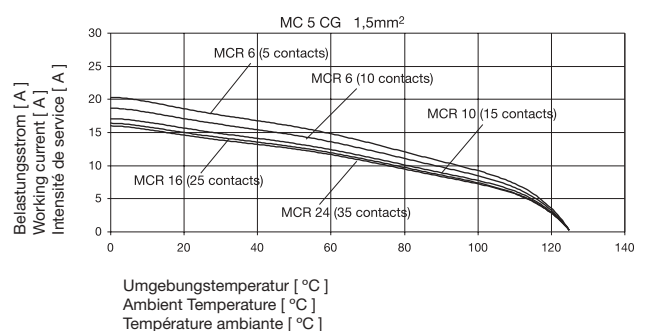
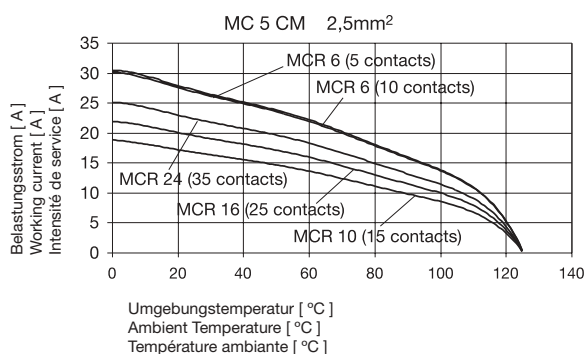
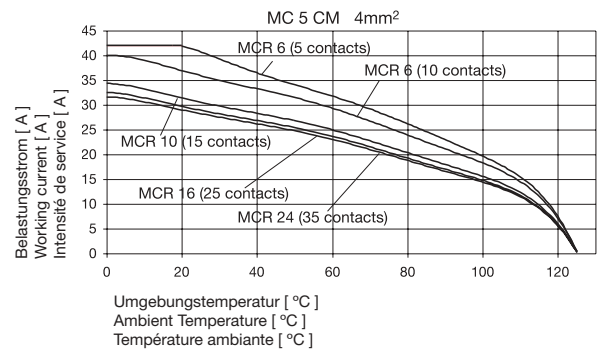
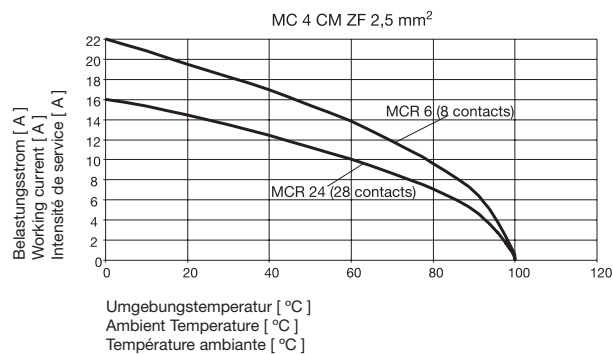
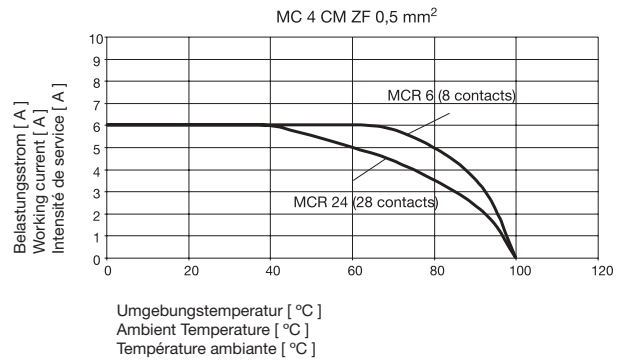
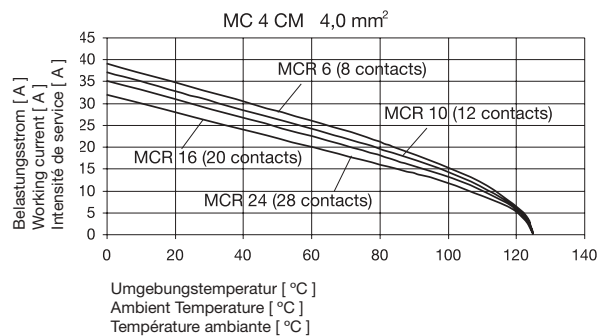
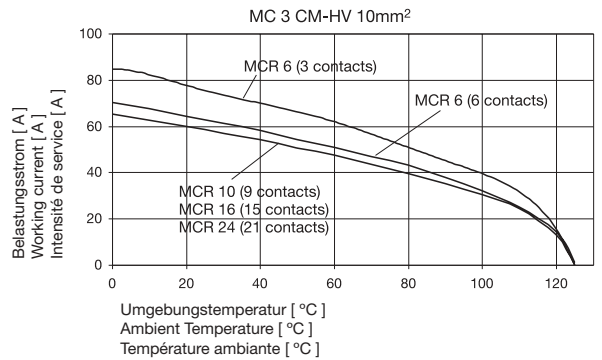
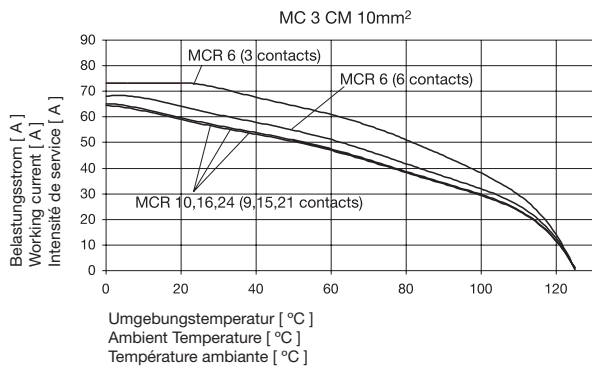
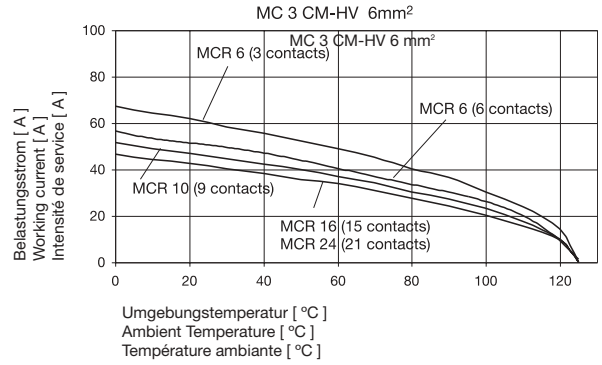
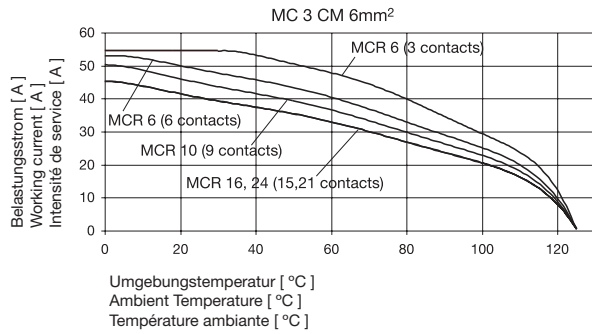
- Number of contacts: . . . . . 2 – 280
- Rated voltage: . . . . . VDE: 30 – 1000 V  
UL: 100 – 600 V  
CSA: 100 – 600 V
- Rated current: . . . . . VDE: 1 – 82 A  
UL: 4 – 40 A  
CSA: 4 – 35 A
- Pollution degree: . . . . . 3
- Dimensioning transient: . . . . . 1.25 – 8 kV, depending on module
- Termination technique: . . . . . Crimp termination: 0.06 – 10 mm<sup>2</sup>  
Cage clamp: 0.5 – 2.5 mm<sup>2</sup>
- Temperature range: . . . . . -40 °C – +100 °C,  
for a short term up to +125 °C
- Contacts: . . . . . Copper alloy,  
silver plated/gold plated
- Contact resistance: . . . . . < 1 mOhm – < 5 mOhm
- Mating cycles: . . . . . 100 (higher mating cycles  
depends on the application)

### Caractéristiques techniques

- Nombre de contacts: . . . . . 2 – 280
- Tension nominale: . . . . . VDE: 30 – 1000 V  
UL: 100 – 600 V  
CSA: 100 – 600 V
- Courant nominale: . . . . . VDE: 1 – 82 A  
UL: 4 – 40 A  
CSA: 4 – 35 A
- Degré de pollution: . . . . . 3
- Dimensionnement de choc: 1,25 – 8 kV, dépendant de module
- Raccordement: . . . . . Raccord à sertir: 0,06 – 10 mm<sup>2</sup>  
Lame de pression: 0,5 – 2,5 mm<sup>2</sup>
- Plage de température: . . . . . -40 °C – +100 °C,  
à court terme jusqu'à +125 °C
- Contacts: . . . . . Alliage cuivre, argenté/doré
- Résistance de passage: . . . < 1 mOhm – < 5 mOhm
- Cycles d'insertion: . . . . . 100 (selon le cas cycles  
d'insertion plus important)

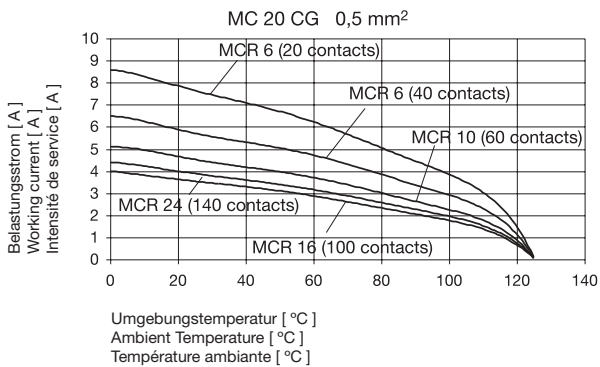
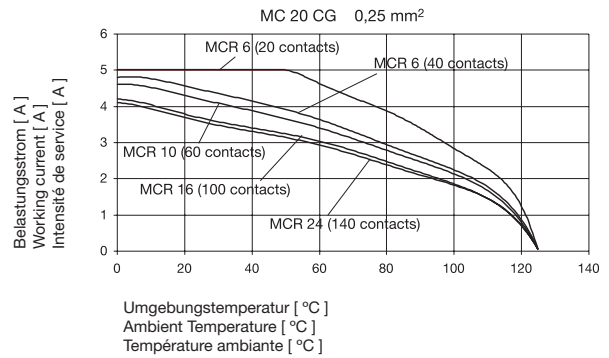
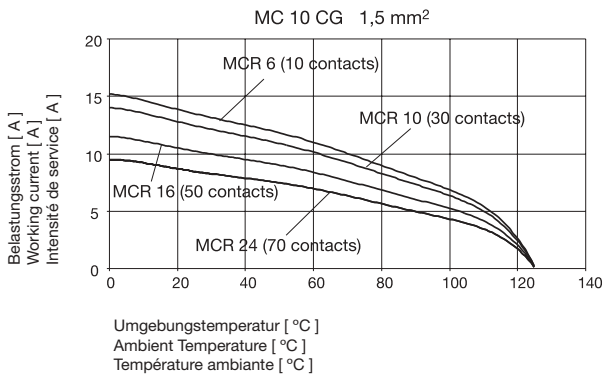
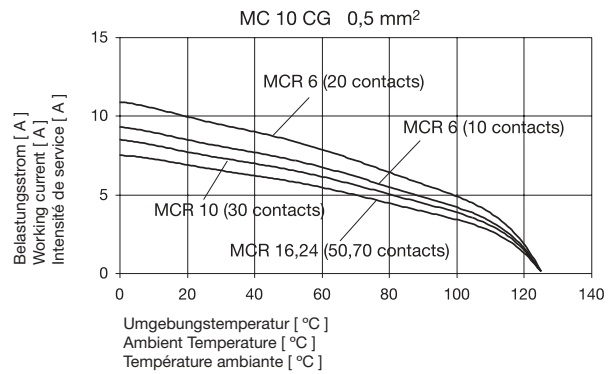
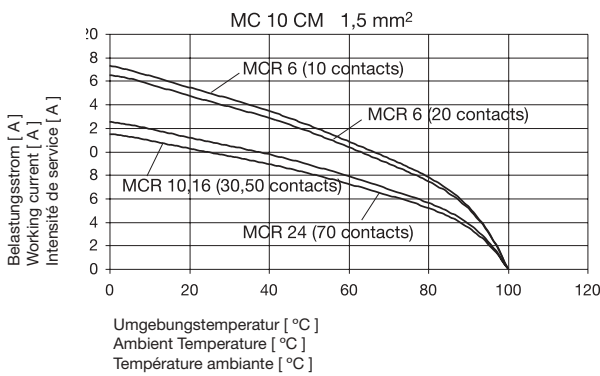
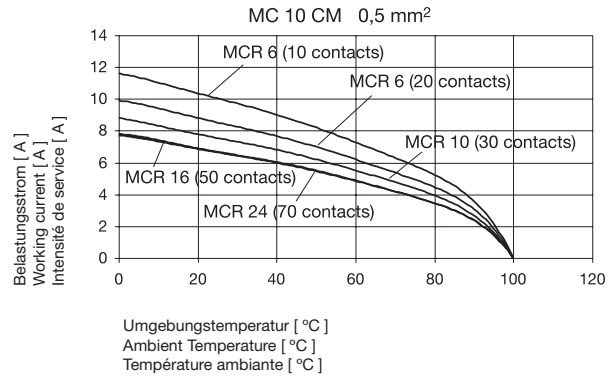
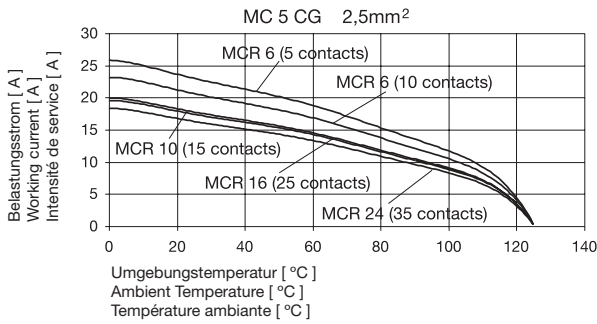
# 1.10 EPIC® M C

## Einsätze / Inserts / Inserts



# 1.10 EPIC® M C

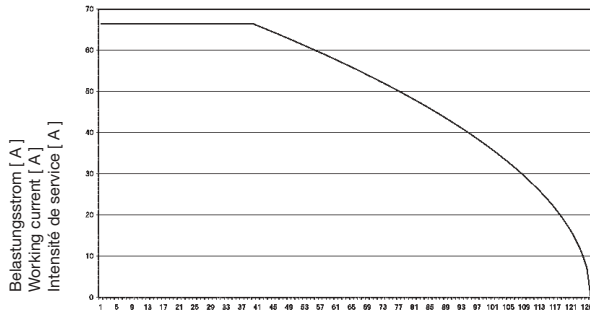
## Einsätze / Inserts / Inserts



# 1.10 EPIC® M C

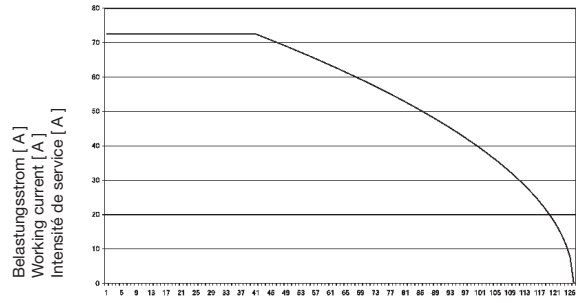
Einsätze / Inserts / Inserts

MC HC 10 mm<sup>2</sup>



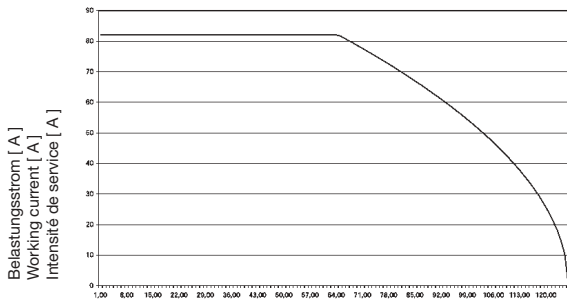
Umgebungstemperatur [°C]  
 Ambient Temperature [°C]  
 Température ambiante [°C]

MC HC 16 mm<sup>2</sup>



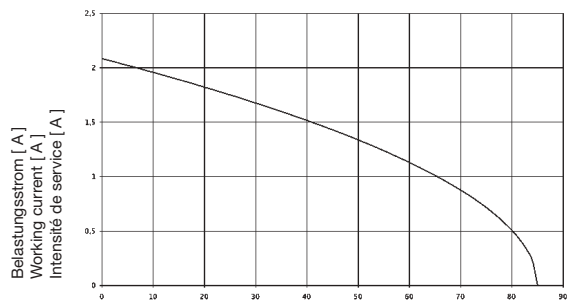
Umgebungstemperatur [°C]  
 Ambient Temperature [°C]  
 Température ambiante [°C]

MC HC 25 mm<sup>2</sup>



Umgebungstemperatur [°C]  
 Ambient Temperature [°C]  
 Température ambiante [°C]

PROFIBUS DP 0,5 mm<sup>2</sup>

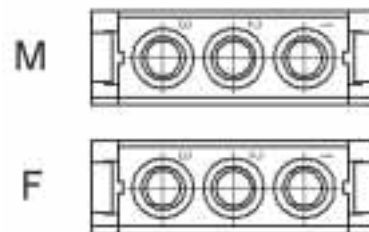


Umgebungstemperatur [°C]  
 Ambient Temperature [°C]  
 Température ambiante [°C]



# 1.10 EPIC® M C

Einsätze / Inserts / Inserts

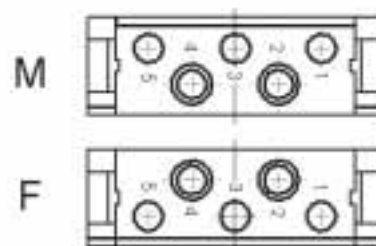


## Modul: 3-polig / Module: 3-contacts / Module: 3-contacts

Artikel <i>part article</i>	Version <i>version version</i>	Art. Nr. <i>part No. N° art.</i>	Kontakte <i>contacts contacts</i>	Bemessungsspannung <i>rated voltage tension nominale</i>	Bemessungsstrom <i>rated current courant nominale</i>
MCS 3 CM	Stift / <i>male / mâle</i>	<b>10382000</b>	3	630 V	40 A
MCB 3 CM	Buchse / <i>female / femelle</i>	<b>10382100</b>	3	630 V	40 A

Rahmen / *Frames / Cadre*: MCR 6/10/16/24

Kontakte / *Contacts / Contacts*: 2.1: MC 3,6 gedreht / *machined / décolleté*



## Modul: 5-polig / Module: 5-contacts / Module: 5-contacts

Artikel <i>part article</i>	Version <i>version version</i>	Art. Nr. <i>part No. N° art.</i>	Kontakte <i>contacts contacts</i>	Bemessungsspannung <i>rated voltage tension nominale</i>	Bemessungsstrom <i>rated current courant nominale</i>
MCS 5 CM	Stift / <i>male / mâle</i>	<b>10382200</b>	5	400 V	20 A
MCB 5 CM	Buchse / <i>female / femelle</i>	<b>10382300</b>	5	400 V	20 A

Rahmen / *Frames / Cadre*: MCR 6/10/16/24

Kontakte / *Contacts / Contacts*: 2.1: MC 2,5 gedreht / *machined / décolleté*