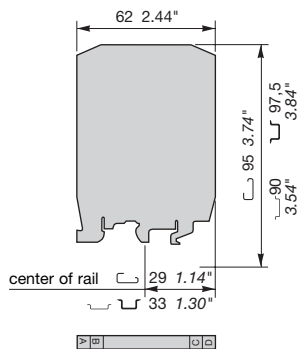


Electronic interfaces

Optocoupler modules Series 8 000

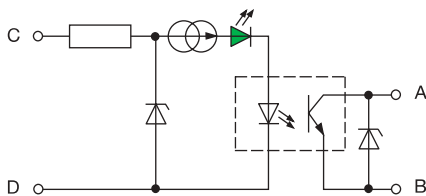
 **DIN 1 - 3**



OBC 0100

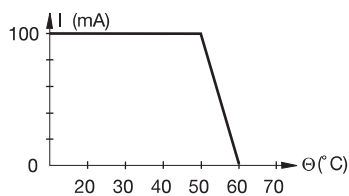
24 V DC

Spacing 9 mm .354"



- Allows isolation of DC input voltage and DC output voltage
- Input and output are overvoltage protected

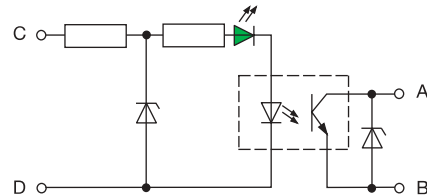
Ambient temperature derating curve



OBC 0100

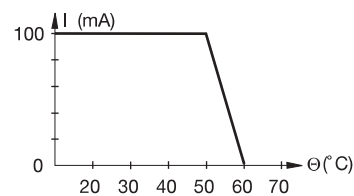
48 V DC

Spacing 9 mm .354"



- Allows isolation of DC input voltage and DC output voltage
- Input and output are overvoltage protected

Ambient temperature derating curve



Part numbers

Type	P/N	Type	P/N
OBC 0100 24 V DC	0008 017.20	OBC 0100 48 V DC	0008 021.24
Comb-type jumper bar		Comb-type jumper bar	
PC 9 10 poles 15 A	0210 160.12	PC 9 10 poles 15 A	0210 160.12

Approvals (Contact Entrelec)



Characteristics

INPUT

Input voltage	10.2 V DC to 28.8 V DC	48 V DC + 20 %, - 15 %
Pull-in voltage	10.2 V DC	40.8 V DC
Input current	7 mA at 12 V 10 mA at 24 V	5 mA
Switching time C / O	20 μs / 50 μs	20 μs / 50 μs

OUTPUT

Output voltage max.	60 V DC	60 V DC
Output current min.		
Output current max.	100 mA	100 mA
Residual voltage at I max.	< 1.5 V	< 1.5 V
Isolation input / output	3000 V rms	3000 V rms

TEMPERATURE

Ambient temperature		
Storage	- 40°C to + 80°C	- 40°C to + 80°C
Operating temperature	- 20°C to + 60°C	- 20°C to + 60°C

Accessories, marking, wire size : see Accessories section.