

# SPC-R20 relay-expansion module

## SPC-R20 relay expansion module for the MC1 controller

<b>Order number:</b>	<b>310.15838</b>
<b>Order code:</b>	<b>R20 Relais Erweiterungsmodul</b>



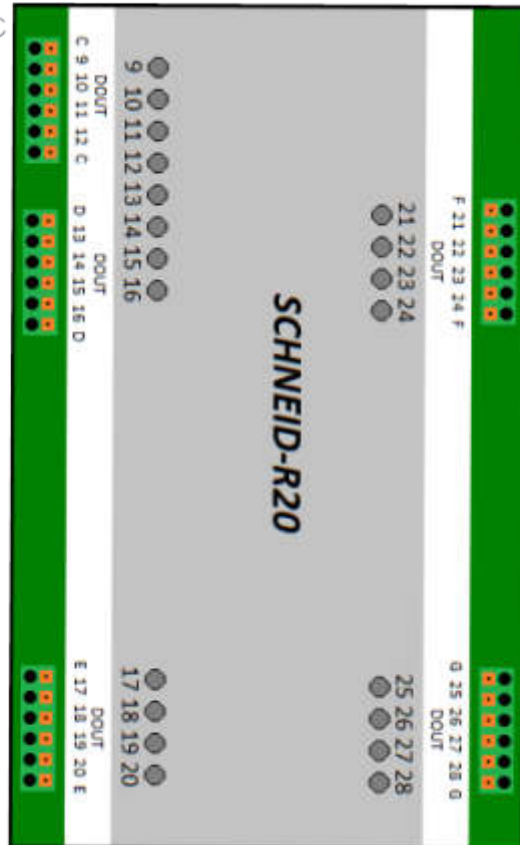
### Overview:

Relay expansion board for the MC1 controller with 20 digital outputs (4 each via a collector)

### Terminal plan:

Terminal C: 230VAC oder 24VDC  
Terminal 9: DOUT 9  
Terminal 10: DOUT 10  
Terminal 11: DOUT 11  
Terminal 12: DOUT 12  
Terminal C: 230VAC oder 24VDC  
Terminal D: 230VAC oder 24VDC  
Terminal 13: DOUT 13  
Terminal 14: DOUT 14  
Terminal 15: DOUT 15  
Terminal 16: DOUT 16  
Terminal D: 230VAC oder 24VDC

Terminal E: 230VAC oder 24VDC  
Terminal 17: DOUT 17  
Terminal 18: DOUT 18  
Terminal 19: DOUT 19  
Terminal 20: DOUT 20  
Terminal E: 230VAC oder 24VDC



Terminal F: 230VAC or 24VDC  
Terminal 21: DOUT 21  
Terminal 22: DOUT 22  
Terminal 23: DOUT 23  
Terminal 24: DOUT 24  
Terminal F: 230VAC or 24VDC

Terminal G: 230VAC or 24VDC  
Terminal 25: DOUT 25  
Terminal 26: DOUT 26  
Terminal 27: DOUT 27  
Terminal 28: DOUT 28  
Terminal G: 230VAC or 24VDC

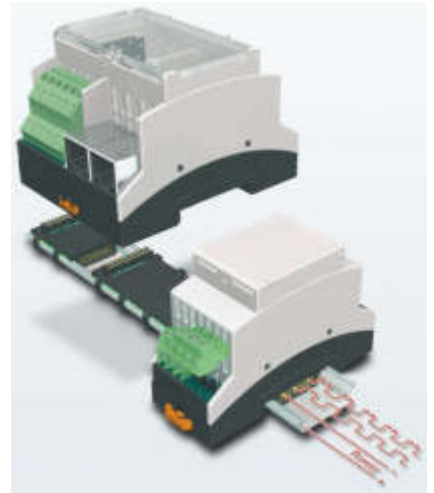
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## Assembly:

### DIN rail connector:

The installation housings are mounted on an NS-35 mounting rail. There is the option of inserting a 16-pin DIN rail connector into the DIN rail, which establishes automatic contacting from device to device. Data and energy can be transmitted in series or in parallel via the bus connector (4 x power, 2 x serial, 10 x parallel). Individual devices can be easily inserted or removed without disassembling the module network.

- Allows a quick and easy connection of the modules
- Data transmission and power supply
- Simple module installation, no breakup of the network when replacing modules, less wiring



## Scope of delivery:

SPC-R20 relay expansion module with CON24 (connector plug 24-pin)

## Technical specifications:

Intrastat number:	8537.10.91.90
Country of origin	EU/AT
Height, width, depth (in mm)	90 x 72 x 108
Weight (in kg)	0.2750
Assembly	on TH35 mounting rail according to IEC 60715
Alignable	without distance After connecting 15 Modbus modules or a maximum current consumption of 2 A (AC or DC) per connection on the power supply unit, the supply voltage must be restarted externally.
Casing	Polyamid 6.6 V0
Terminals	Polyamid 6.6 V0
Cover	Polycarbonat
Degree of protection (IEC 60529) housing	IP40
Degree of protection (IEC 60529) Terminals	IP20
Protective circuit	Reverse polarity protection of the operating voltage Reverse polarity protection of supply and bus
Operating temperature range	-5 °C to +55 °C
Storage temperature range	-20 °C to +70 °C