

## wipos Modules

### Redundancy module *wipos* R20



Type	Part No.
<b>wipos R20</b>	81.000.6200.0
<b>Technical Data</b>	
Input voltage	21 – 28 V DC
Input current	20 A (in total)
Output current	20 A
Typical voltage drop	0.5 V
Temperature range	-40 ... +70 °C
Signal contact	one each for channel A and B
Signal contact	1 A at 30 V DC
Display/Relay OK	Input voltage 20...30 V (+/-5 %)
Display/Relay fail	Input voltage <20 V or >30 V (+/-5 %)
Dimensions (mm) W x H x D	54 x 90 x 114
Weight	210 g
Type of connectors	Screw terminal
Connector size	0.2 – 2.5 mm <sup>2</sup> (AWG 24–12)
Connector size for signal contacts	0.2 – 1.5 mm <sup>2</sup> (AWG 24–14)
Approvals	CE

### Fusing module *wipos* FM 4-10



Type	Part No.
<b>wipos FM 4-10</b>	81.000.6210.0
<b>Technical Data</b>	
Input voltage	18 – 30 V
Output current via all 4 fuses	40 A max.
Output voltage	24 V (equivalent to input voltage)
Number of fusing circuits	4
Nominal current of fuse	max. 10 A (check power losses of fuse)
Fuses	4 x G-fuse holder 5 x 20 mm
LED	one per fuse, LED lights whe fuse is broken
Alarm contact	yes
Temperature range	0 ... +60 °C
Dimensions (mm) W x H x D	48 x 96 x 68
Mounting type	DIN rail mounting
Weight	110 g
Type of connectors	Screw terminal
Connector size input	10 mm <sup>2</sup> (AWG 8)
Connector size output	up to 4 mm <sup>2</sup> (AWG 12) solid, 2.5 mm <sup>2</sup> (AWG 14) fine-stranded
Approvals	CE

### Uninterrupted power supply *wipos* UPS 24-30



Type	Part No.
<b>wipos UPS 24-30</b>	81.000.6220.0
<b>Technical Data</b>	
Rated input voltage $U_{IN}$	24 V DC
Input current	max. 35 A
Rated output voltage $U_{OUT}$	24 V DC
Output current $I_{OUT}$	max. 30 A
Output voltage (battery mode)	18.7 – 28.0 V
Output current (battery mode)	max. 30 A
Temperature range	-40 ... +70 °C
Derating	> 51 °C
Signal contact mains or battery current	yes
Signal contact discharge battery	yes
Signal contact broken battery	yes
Battery type	Lead-acid or lead-gel
Battery size	2 ... 12 Ah / 2 x 12 V
Dimensions (mm) W x H x D	54 x 90 x 114
Weight	370 g
Type of connectors	Screw terminal
Connector size	0.2–4 mm <sup>2</sup> (AWG 24–12)
Approvals	CE

