

## Liste der Stromaufnahmen | *List current consumption*

### Hinweis | *Hint*

- Verwenden Sie möglichst lange Busverbinder.  
| *Use bus connectors as long as possible.*
- Ordnen Sie Module mit hohem Stromverbrauch direkt rechts neben Ihrem Kopfmodul an. Die nachfolgende Tabelle soll Ihnen hierbei behilflich sein.  
| *Sort the modules with a high current consumption right beside the header module. The following table shall help you:*

Bestell-Nr.   <i>Order no</i>	Produkt   <i>Product</i>	Stromaufnahme   <i>Current consumption</i>
<b>CM</b>		
VIPA 240-1DA10	CM 240, 4port Mini switch	450mA
<b>CP</b>		
VIPA 240-1BA20	CP 240, RS232 interface	150mA
VIPA 240-1CA20	CP 240, RS485 interface	150mA
VIPA 240-1CA21	CP 240, RS422/485 interface	150mA
VIPA 240-1EA20	CP 240, EnOcean	120mA
VIPA 240-1FA20	CP 240, M-Bus	300mA
<b>FM</b>		
VIPA 250-1BA00	FM 250, Counter 2x32Bit	80mA
VIPA 250-1BS00	FM250S, SSI-Module	120mA
VIPA 253-1BA00	FM253, MotionControl Stepper	500mA
VIPA 254-1BA00	FM254, MotionControl Servo	200mA
<b>IM</b>		
VIPA 208-1CA00	IM 208CAN - CANopen Master	300mA
VIPA 208-1DP01	IM 208DP - Profibus-DP-Master with RS485	450mA
VIPA 208-1DP11	IM 208DP - Profibus-DP-Master with LWL	450mA
<b>SM 221</b>		
VIPA 221-1BF00	SM 221 - DI 8xDC24V	25mA
VIPA 221-1BF10	SM 221 - DI 8xDC 24V (0.2ms)	25mA
VIPA 221-1BF20	SM 221 - DIa 8xDC 24V	25mA
VIPA 221-1BF21	SM 221 - DIa 8xDC 24V (0.2ms)	25mA
VIPA 221-1BF30	SM 221 - DI 8xDC 24V - ECO	25mA
VIPA 221-1BF40	SM 221 - DIa 8xDC 24V 0.2ms	25mA
VIPA 221-1BF50	SM 221 - DI 8xDC 24V NPN	10mA
VIPA 221-1FD00	SM 221 - DI 4xAC/DC 90...230V	40mA
VIPA 221-1FF20	SM 221 - DI 8xAC/DC 60...230V	60mA
VIPA 221-1FF30	SM 221 - DI 8xAC/DC 24...60V	60mA
VIPA 221-1FF40	SM 221 - DI 8xAC 230V, 20mA	60mA
VIPA 221-1FF50	SM 221 - DI 8xAC/DC 180...265V	80mA
VIPA 221-1BH00	SM 221 - DI 16xDC 24V, UB4x	35mA
VIPA 221-1BH10	SM 221 - DI 16xDC 24V	40mA
VIPA 221-1BH20	SM 221 - DI 16xDC 24V, 1 Counter, 100kHz	85mA
VIPA 221-1BH30	SM 221 - DI 16xDC 24V - ECO	45mA
VIPA 221-1BH50	SM 221 - DI 16xDC 24V, NPN	40mA
VIPA 221-1BH51	SM 221 - DI 16xDC 24V, NPN	20mA
VIPA 221-2BL10	SM 221 - DI 32xDC 24V	40mA

<b>SM 222</b>		
VIPA 222-1BF00	SM 222 - DO 8xDC 24V, 1A	70mA
VIPA 222-1BF10	SM 222 - DO 8xDC 24V, 2A	70mA
VIPA 222-1BF20	SM 222 - DO 8xDC 24V, 2A	70mA
VIPA 222-1BF30	SM 222 - DO 8xDC 24V - ECO, 0.5A	70mA
VIPA 222-1BF50	SM 222 - DO 8xDC 24V 0.5A NPN	50mA
VIPA 222-1BH00	SM 222 - DO 16xDC 24V, 0.5A, UB4x	120mA
VIPA 222-1BH10	SM 222 - DO 16xDC 24V, 1A	120mA
VIPA 222-1BH20	SM 222 - DO 16xDC 24V, 2A	120mA
VIPA 222-1BH30	SM 222 - DO 16xDC 24V - ECO, 0.5A	120mA
VIPA 222-1BH50	SM 222 - DO 16xDC 24V, 0.5A, NPN	120mA
VIPA 222-1BH51	SM 222 - DO 16xDC 24V, 0.5A, NPN	90mA
VIPA 222-2BL10	SM 222 - DO 32xDC 24V, 1A	180mA
VIPA 222-1DB00	SM 222 - DO 2xAC 100...230V, 2A	190mA
VIPA 222-1HF00	SM 222 - DO 8xRelay	300mA
VIPA 222-1HD10	SM 222 - DO 4xRelay	160mA
VIPA 222-1HD20	SM 222 - DO 4xRelay, bistable	200mA
VIPA 222-1FF00	SM 222 - DO 8xRelay, Solid State	150mA
VIPA 222-1FD10	SM 222 - DO 4xRelay, Solid State	100mA
<b>SM 223</b>		
VIPA 223-1BF00	SM 223 - DIO 8xDC 24V, 1A	65mA
VIPA 223-2BL10	SM 223 - DI 16xDC24V, DO 16xDC24V, 1A	120mA
<b>SM 231</b>		
VIPA 231-1BD30	SM 231 - AI4x12Bit - ECO, $\pm 10V$	120mA
VIPA 231-1BD40	SM 231 - AI4x12Bit - ECO, 4...20mA, $\pm 20mA$	120mA
VIPA 231-1BD52	SM 231 - AI 4x16Bit, Multiinput	280mA
VIPA 231-1BD53	SM 231 - AI 4x16Bit, Multiinput	280mA
VIPA 231-1BD60	SM 231 - AI 4x12Bit, 4...20mA	280mA
VIPA 231-1BD70	SM 231 - AI 4x12Bit, $\pm 10V$	280mA
VIPA 231-1BF00	SM 231 - AI 8x16Bit, (2L) 4x16Bit (4L)	280mA
VIPA 231-1FD00	SM 231 - AI 4x16Bit f, U/I	300mA
<b>SM 232</b>		
VIPA 232-1BD30	SM 232 - AO 4x12Bit - ECO, $\pm 10V$ , 0...10V	60mA
VIPA 232-1BD40	SM 232 - AO 4x12Bit - ECO, 0/4...20mA	60mA
VIPA 232-1BD51	SM 232 - AO 4x12Bit	75mA
<b>SM 234</b>		
VIPA 234-1BD50	SM 232 - AI/AO 2x12Bit, Multiin-/output	100mA
VIPA 234-1BD60	SM 232 - AI 4/AO 2x12Bit, Multiin-/output	100mA
<b>SM 238</b>		
VIPA 238-2BC00	SM 238C, Combination module	280mA