

M200 module dimensions

Processor modules	W × H × D (mm)	Approx. weight
MC206	110 × 119 × 61	500 g
MC212	110 × 119 × 61	500 g
MC220	110 × 119 × 61	520 g
MH230	220 × 119 × 96	1835 g
MX207	110 × 119 × 61	660 g
MX213	110 × 119 × 61	675 g
MX220	110 × 119 × 61	675 g
Digital input/output modules	W × H × D (mm)	Approx. weight
DI2xx	55 × 119 × 61	200 g
DIO216 / xx	55 × 119 × 61	210 g
DIO232	55 × 119 × 61	210 g
DIO248	110 × 119 × 61	370 g
DIO264	110 × 119 × 61	390 g
DIO280	110 × 119 × 61	385 g
DO216	55 × 119 × 61	200 g
DO232/x	55 × 119 × 61	240 g
DOR206/230	55 × 119 × 75	220 g
Analog input/output modules	W × H × D (mm)	Approx. weight
AI204 / x	55 × 119 × 61	210 g
AI20x / SI	55 × 119 × 61	220 g
AIC206	110 × 119 × 61	390 g
AIC214	110 × 119 × 61	390 g
AIO202/SI	55 × 119 × 61	180 g
AIO204/SI	55 × 119 × 61	195 g
AIO208/SI	55 × 119 × 61	230 g
AIO208	55 × 119 × 61	195 g
AIO216	55 × 119 × 61	200 g
AIO288/x	55 × 119 × 61	240 g
AO202	55 × 119 × 61	200 g
AO202 / SI	55 × 119 × 61	200 g
AO204 / SI	55 × 119 × 61	210 g
AO208/I	55 × 119 × 61	230 g
DMS202	55 × 119 × 61	235 g
GIO212	55 × 119 × 61	200 g
PTAI216x	55 × 119 × 61	220 g
TI214/x	55 × 119 × 61	210 g
Function modules	W × H × D (mm)	Approx. weight
ACR222 / 2	55 × 119 × 61	265 g
CNT204 /H	55 × 119 × 61	200 g
CNT204 /R	55 × 119 × 61	225 g
ISI222/x	55 × 119 × 61	235 g
PVA20x	55 × 119 × 61	210 g
PWM202	55 × 119 × 61	220 g
Interface modules	W × H × D (mm)	Approx. weight
EM213	55 × 119 × 61	340 g

Interface modules	W × H × D (mm)	Approx. weight
RS204	55 × 119 × 61	200 g
Node adapter	W × H × D (mm)	Approx. weight
CS200	55 × 119 × 61	300 g
CS200/N	55 × 119 × 61	315 g
Fieldbus modules	W × H × D (mm)	Approx. weight
CM202	55 × 119 × 61	200 g
DPM200	55 × 119 × 61	200 g
DNM201	55 × 119 × 61	205 g
SEM201	55 × 119 × 72	200 g
CAN slaves	W × H × D (mm)	Approx. weight
DA3284-C	228 × 119 × 61	850 g
DIO16-C	110 × 119 × 61	485 g
DIO32-C	164 × 119 × 61	695 g
DIO264-C	137 × 119 × 61	250 g
TCO20x-C	137 × 119 × 61	250 g
System networking	W × H × D (mm)	Approx. weight
BEM211	55 × 119 × 61	195 g
BES212	55 × 119 × 61	205 g
BES212/N	55 × 119 × 61	290 g
Fx21x	55 × 119 × 70	260 g
FM221	55 × 119 × 86	320 g
FM222	55 × 119 × 86	400 g
Grid measuring module	W × H × D (mm)	Approx. weight
GSP274	165 × 119 × 66	630 g
GMP232/x	110 × 119 × 65	535 g
GM260	55 × 119 × 66	190 g
Safety modules	W × H × D (mm)	Approx. weight
SCT202	55 × 119 × 61	225 g
SDI208	55 × 119 × 61	210 g
SDO204	55 × 119 × 61	230 g
SLC284	110 × 119 × 61	360
System modules	W × H × D (mm)	Approx. weight
LM201	55 × 119 × 61	115 g
NT255	55 × 119 × 61	300 g
BS201	55 × 119 × 14	260 g
BS202	110 × 119 × 22	150 g
BS203x	165 × 119 × 22	260 g
BS204x	220 × 119 × 22	365 g
BS205x	275 × 119 × 22	440 g
BS206x	330 × 119 × 22	515 g
BS207x	385 × 119 × 22	620 g
BS208x	440 × 119 × 22	690 g
BS209x	495 × 119 × 22	740 g
BS210x	550 × 119 × 22	880 g
BS211x	605 × 119 × 22	960 g

System modules	W × H × D (mm)	Approx. weight
BS212x	660 × 119 × 22	1000 g
BS213x	715 × 119 × 22	1100 g
BS214x	770 × 119 × 14	1200 g
BS215x	825 × 119 × 22	1310 g
BS216x	880 × 119 × 22	1420 g
BS203/S	165 × 137 × 22	280 g
BS204/S	220 × 137 × 22	385 g
BS205/S	275 × 137 × 22	460 g
BS206/S	330 × 137 × 22	535 g
BS207/S	385 × 137 × 22	640 g
BS208/S	440 × 137 × 22	710 g
BS209/S	495 × 119 × 22	760 g
BS210/S	550 × 137 × 22	900 g
BS211/S	605 × 137 × 22	980 g
BS212/S	660 × 137 × 22	1020 g
BS213/S	715 × 137 × 22	1120 g
BS214/S	770 × 137 × 14	1220 g
BS215/S	825 × 137 × 22	1330 g
BS216/S	880 × 137 × 22	1440 g
Storage media	W × H × D (mm)	Approx. weight
PCC201	-	13 g
CF200 UDMA	-	10 g
CFA200	-	10 g

Info: The dimensions of modules in the ColdClimate version have not been changed.

Power consumption of the individual modules via the backplane

Module	+5 V [mA]	+15 V [mA]	-15 V [mA]
ACR2xx/x	350	-	-
AI204/1	220	-	-
AI204/2	340	-	-
AI204/4	580	-	-
AI202/SI	190	-	-
AI204/SI	300	-	-
AI208/SI	330	-	-
AIC206	≤ 280	-	-
AIC212	480	-	-
AIC214	≤ 280	-	-
AIO202/SI	90	-	-
AIO204/SI	100	-	-
AIO208	80	-	-
AIO216	80	-	-
AIO208/SI	110	-	-
AIO288	230	-	-
AIO288/1	180	100 without potentiometer supply 130 with potentiometer supply ¹⁾	75 without potentiometer supply 105 with potentiometer supply ¹⁾
AO202	470	-	-
AO202/SI	275	-	-
AO204/SI	520	-	-
BEM211	270	-	-
BES212	400	-	-
BES212/N	- / 400 ²⁾	-	-
CM202	320	-	-
CNT204/x	120	-	-
CPC210	2000	250	200
CS200	700	15	40
CS200/N	- / 700 ²⁾	- / 15 ²⁾	- / 40 ²⁾
DI216	70	-	-
DI232/x	80	-	-
DO216	130	-	-
DO232	170	-	-
DOR206/230	100	63	59
DIO216	190	-	-
DIO216/4	235	-	-
DIO232	170	-	-
DIO248	255	-	-
DIO264	255	-	-
DIO280	255	-	-

¹⁾ The potentiometer supply is not considered during current check.

²⁾ Current consumption from the I/O backplane for operation without station power supply / with station power supply (for operation with station power supply the integrated power supply is switched off)

Module	+5 V [mA]	+15 V [mA]	-15 V [mA]
DMS202	200	-	-
DNM201	250	-	-
DPM200	400	-	-
ECS200	270	-	-
EM213	380	-	-
FM211	600	-	-
FM212	700	-	-
FM221	280	-	-
FM222	500	-	-
FS211	600	-	-
FS211/N	- / 600 ¹⁾	-	-
FS212	700	-	-
FS212/N	- / 700 ¹⁾	-	-
GM260	≤ 130	≤ 45	≤ 0
GMP232/x	≤ 295	≤ 21	≤ 18
GIO212	80	-	-
GSP274	≤ 316	≤ 21	≤ 23
ISI222	180	-	-
ISI222/8	140	-	-
MC205	2650 ²⁾	-	-
MC206	2060 ²⁾	-	-
MC210	2900 ²⁾	-	-
MC212	2220 ²⁾	-	-
MC220	3180 ²⁾	-	-
MH230	- ⁴⁾	- ⁴⁾	- ⁴⁾
MX207/x	- / 1400 ¹⁾	- / 30 ¹⁾	- / 10 ¹⁾ - / 30 ³⁾
MX213/x	- / 1700 ¹⁾ - / 1650 ³⁾	- / 30 ¹⁾	- / 10 ¹⁾ - / 30 ^{1) 3)}
MX220/x	- / 1700 ¹⁾	- / 30 ¹⁾	- / 30 ¹⁾
PVA204	95	-	-
PVA208	95	-	-
PTAI216	95	-	-
PWM202	500	-	-
RS204	120	-	-
SCT202	150	-	-
SLC284	600	-	-
SDI208	600	-	-
SDO204	250	-	-
SEM201	450	-	-
TI214	110	-	-

¹⁾ Current consumption from the I/O backplane for operation without station power supply / with station power supply (for operation with station power supply the integrated power supply is switched off)

²⁾ The stated value is a maximum value and depends on the usage of the interfaces such as USB devices.

³⁾ From KR 140

⁴⁾ Power is supplied exclusively via the integrated power supply unit.