

3 Order codes

The TMCM-3214 unit is available with two different firmware options:

Order code	Description	Size of unit
TMCM-3214-TMCL	3-axes closed-loop controller / driver up-to 6.5A RMS / +48V, CAN + RS485 + USB with TMCL firmware	280mm x 100mm x 21mm
TMCM-3214-CANopen	3-axes closed-loop controller / driver up-to 6.5A RMS / +48V, CAN + RS485 + USB with CANopen firmware	280mm x 100mm x 21mm

Table 3.1: TMCM-3214 order code

The TMCM-3215 unit is available as:

Order code	Description	Size of unit
TMCM-3215-CoE	3-axes closed-loop controller / driver up-to 6.5A RMS / +48V, EtherCAT™ + USB with CANopen over EtherCAT™ firmware	280mm x 100mm x 21mm

Table 3.2: TMCM-3215 order code

A cable loom is available, also:

Order code	Description
TMCM-G4-CABLE	<p>Cable loom for TMCM-6210/6211, TMCM-6212/6213, TMCM-3212/3213, TMCM-3214/3215, TMCM-3312/3313 and TMCM-3314/3315. Contains:</p> <ul style="list-style-type: none"> - 1x cable loom for RS485 connector (3214) - 1x standard CAT5 cable with 2x RJ45 for CAN / EtherCAT™ (3214/3215) - 1x RJ45-2-DSUB_G4_V10 adapter (for CAN RJ45 <-> D-SUB translation) (3214) - 1x Micro-USB cable (3214/3215) - 1x cable loom for INPUTs connector (3214/3215) - 1x cable loom for OUTPUTs connector (3214/3215) - 6x cable loom for MOTOR connector (small) - 3x cable loom for MOTOR connector (big) (3x required for 3214/3215) - 6x cable loom for ENCODER connector (3x required for 3214/3215) - 6x cable loom for REF / HOME connector (3x required for 3214/3215) - 1 cable loom for POWER connector (small) - 1x cable loom for POWER connector (big) (3214/3215) - 1x cable loom for CONTROL connector (3214/3215) - 1x cable loom for RESISTOR connector (3214/3215)

Please note: there is one cable loom available for a complete family of modules in order to speed-up initial setup of these modules. The family consists of these currently planned / available modules: TMCM-6210/6211, TMCM-6212/6213, TMCM-3212/3213, TMCM-3214/3215, TMCM-3312/3313 and TMCM-3314/3315. Not all cables are required for all modules – some cable will fit or will be helpful for some modules, only. Module numbers in parenthesis behind each cable in the table above indicate whether the particular part of the cable loom can be used with the TMCM-3214 and / or TMCM-3215.