



## i CU1418 | EtherCAT G branch controller, 8-port

The EtherCAT G branch controllers enable transparent conversion of transmission rates of EtherCAT G and EtherCAT. The CU1418 connects eight EtherCAT and/or EtherCAT G segments to an EtherCAT G network.

Technical data	CU1418
Task within EtherCAT system	coupling of EtherCAT branches to an EtherCAT G network
Data transfer medium	Ethernet/EtherCAT cable (min. Cat. 5), shielded
Bus interface	RJ45
Distance between stations	max. 100 m (1000BASE-T)
Protocol	EtherCAT
Delay	approx. 1 µs per port
Data transfer rates	100 Mbit/s and 1 Gbit/s
Configuration	TwinCAT
Power supply	24 (18...30) V DC, 3-pin connection (+, -, PE)
Operating/storage temperature	0...+55 °C/-25...+85 °C
Relative humidity	95 %, no condensation
Vibration/shock resistance	conforms to EN 60068-2-6/EN 60068-2-27
EMC immunity/emission	conforms to EN 61000-6-2/EN 61000-6-4
Protect. class/installation pos.	IP 20/variable
Approvals/markings	CE



### Product announcement

estimated market release 3rd quarter 2019