

C6 COMPACT



HIGHLIGHTS

- True real-time performance thanks to powerful 32-bit microcontroller with integrated Floating Point Unit
- No operating system to reduce resources
- Programming and code processing to IEC 61131-3
- Rapid real-time bus system with integrated EtherCAT®-Master
- Various slave interfaces as optional equipment

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SERIAL (RS232 / 485)

FIELDBUS (OPTIONAL)

STATUS-LED

ETHERNET

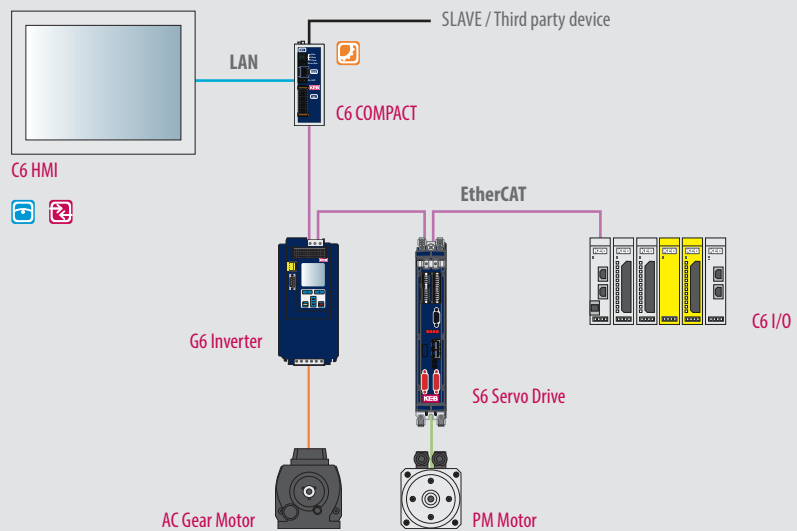
DC POWER SUPPLY
4X DI / 4X DO

MULTIFUNCTION SWITCH

TOP HAT RAIL MOUNTING



B **P**



CPU

Processor	SH7269 - 32-Bit RISC Microcomputer SuperHTM RISC engine inc. Floating Point Unit
Mass memory	
System memory	256 MB Flash, Boot Application + files, 32 MB RAM, Code + Data
Retain memory	32 KB

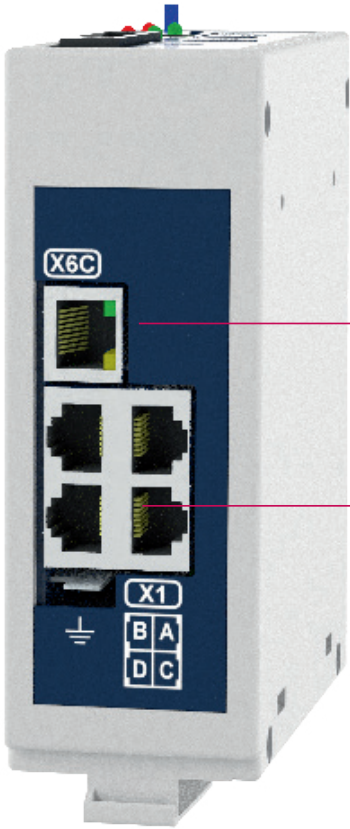
OPERATING DATA

Power supply	18 ... 30 V DC
Operating environment	-10 ... 45 °C, Rel. humidity 5 ... 80 % (without condensation)
Storage conditions	-25 ... 70 °C, Rel. humidity 5 ... 80 % (without condensation)

APPROVALS

CE

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ETHERCAT

DIRECT AXIS INTERFACES HSP 5



OPTIONAL FIELBUS INTERFACE

SERIAL INTERFACE RS232/485

INTERFACES

Ethernet	1 x 10/100 Mbps (RJ45)
EtherCAT®	1 x EtherCAT® Master(RJ45)
HSP5	4 x KEB HSP5 (RJ45)
Serial	1 x RS232/485
Diagnostic	LED

OPTIONS

Fieldbus systems	Profibus Slave interface
	Profinet Slave interface
	EtherCAT® Slave interface
	CAN Master/Slave interface
	Interbus Slave interface
	Powerlink Slave interface

DIGITAL I/O'S

4 x Digital input (1 x fast input: 100 μs)
4 x Digital output (24 V; max. 0.7 A per channel), short-circuit resistant

TYPE	A	B	C	D	E	F
C6 Compact	45	130	35	41,3	126,5	118

