



General ordering data

Order No.	9919371212
Part designation	CP DCDC 50W 12V 3A
Version	DC/DC converter, 9...16 V DC, type 12 V DC , 12 V DC
EAN	4032248217793
Qty.	1 pc(s).

Input

Connection system	Screw connection
Input fuse	internal
Input voltage	9...16 V DC, type 12 V DC
Max. connection range	AWG26-12 (0.1-4.0 mm ²)

output

Connection system	Screw connection
Max. connection range	AWG26-12 (0.1-4.0 mm ²)
Max. output power	36 V
Output current	3 A
Output voltage	12 V DC
Overload behaviour	Surge current cut-out with self-reset
Overload protection	Surge current cut-out with self-reset

General data

DIN Rail compatibility	TS 35
EMC standards	IEC 61000-6 /-2
Housings	metal
Low Voltage Directive	73/ 23/ EWG
Standards	EN 50178, EN 60950, IEC950
Status indication	Green LED
Switching frequency	200 kHz
Weight	417 g
Ambient temperature (operational)	0 °C...+40 °C max. rated load
Storage temperature	-40 °C...+85 °C

Insulation coordination

Humidity at operating temperature	20 - 85% RH
Humidity at storage temperature	20 to 90% RH without condensation
Protection class	IP 20

Approvals

Approvals institutes

**Classifications**

eClass 4.1	27-24-04-10
eClass 5.0	27-24-22-13
eClass 5.1	27-24-22-13

Similar products

Order No.	Part designation	Version
9919372424	CP DCDC 50W 22-24V 2A	DC/DC converter, 18...30 V DC, typ. 24 V DC , 22...24 V DC
9919372415	CP DCDC 50W 15V 3A	DC/DC converter, 18...30 V DC, typ. 24 V DC , 15 V DC
9919371224	CP DCDC 50W 22-24V 2A	DC/DC converter, 9...16 V DC, type 12 V DC , 22...24 V DC
9919371215	CP DCDC 50W 15V 3A	DC/DC converter, 9...16 V DC, type 12 V DC , 15 V DC
9919372412	CP DCDC 50W 12V 3A	DC/DC converter, 18...30 V DC, typ. 24 V DC , 12 V DC
9919372405	CP DCDC 50W 5V 8A	DC/DC converter, 18...30 V DC, typ. 24 V DC , 5 V DC