Technical data sheet
Connection unit
Part no.: 50116469
MS 301

Contents

For Illustration purposes only

Technical data

Leuze

Basic data

Suitable for	BCL 301i
	BPS 301i

Interface

Type	MultiNet Plus

Connection

Number of connections	5 Piece(s)

Connection 1

Function	PWR / SW IN / OUT
Type of connection	Connector
Thread size	M12
Type	Male
Material	Metal
No. of pins	5 -pin
Encoding	A-coded

Connection 2

Function	Service interface
Type of connection	USB
Connector type	USB 2.0 Mini-B

Connection 3

Function	HOST / BUS IN
Type of connection	Connector
Thread size	M12
Type	Male
Material	Metal
No. of pins	5 -pin
Encoding	B-coded

Connection 4

Function	BUS OUT
Type of connection	Connector
Thread size	M12
Type	Female
Material	Metal
No. of pins	5 -pin
Encoding	B-coded

Mechanical data

Design	Cubic
Dimension (W x H x L)	64 mm x 33.5 mm x 43.5 mm
Housing material	Metal
Metal housing	Diecast aluminum
Net weight	70 g
Housing color	Black

Classification

Customs tariff number	84733080
ECLASS 5.1.4	27280190
ECLASS 8.0	27280190
ECLASS 9.0	27279090
ECLASS 10.0	27280192
ECLASS 11.0	27280191
ECLASS 12.0	27280191
ECLASS 13.0	27280191
ECLASS 14.0	27280191
ECLASS 15.0	27280191
ECLASS 16.0	27280191
ETIM 5.0	EC002498
ETIM 6.0	EC003015
ETIM 7.0	EC003015
ETIM 8.0	EC003015
ETIM 9.0	EC003015
ETIM 10.0	EC003015

Electrical connection

Connection 1

Function	PWR / SW IN / OUT
Type of connection	Connector
Thread size	M12
Type	Male
Material	Metal
No. of pins	5 -pin
Encoding	A-coded

Electrical connection

Leuze

Pin	Pin assignment
1	VIN
2	SWIO 1
3	GNDIN
4	SWIO 2
5	FE

Connection 2

Function	Service interface
Type of connection	USB
Connector type	USB 2.0 Mini-B

Connection 3

Function	HOST / BUS IN
Type of connection	Connector
Thread size	M12
Type	Male
Material	Metal
No. of pins	5 -pin
Encoding	B-coded

Pin	Pin assignment
1	n.c.
2	RS 485 B
3	GND 485
4	RS 485 A
5	FE

Connection 4

Function	BUS OUT
Type of connection	Connector
Thread size	M12
Type	Female
Material	Metal
No. of pins	5 -pin
Encoding	B-coded

Pin	Pin assignment
1	V CC485
2	RS 485 B
3	GND 485
4	RS 485 A
5	FE