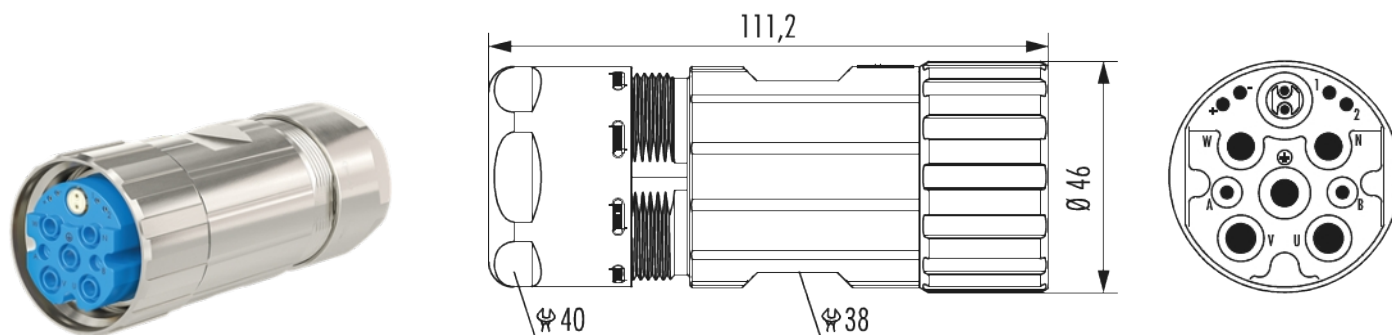


Housing incl. insert cable connector M40

Power - 2+6+4+PE

Item number S7.710.862.000



Technical data	
Housing type	Cable
Material housing	Zinc Die Cast
Material housing surface	Nickel
Insert	Socket
Installation type	-
Version	Screw
External thread plug-in side	-
Internal thread plug-in side	M40 x 1,5
Knurled nut-Ø plug-in side	46 mm
TWILOCK thread	-
Locking type	Screw
Shield	shielded
Seal type	O-Ring
Material seals/o-rings	FKM (FPM) , NBR
Cable diameter	21 – 28 mm
Length (L)	111.2 mm



Housing incl. insert cable connector M40

Power - 2+6+4+PE

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Commercial data	
Wrench size (SW1/SW2)	40/38 mm
Temperature range	-40°C to +125°C
Degree of Protection	3
Protection class	IP 67, IP 69 K
Characteristic of connection	Crimp
Number of poles	13
Pole picture	2 + 6 + 4 + PE
Color Ethernet insert	white
Color contact insert	blue
Material insulating body	PBT
Material Ethernet insert	PA 6
Number of contacts data	2
Number of contacts signal	6
Number of contacts power	4
Number of contacts PE	1
Contact-Ø data	1 mm
Contact-Ø signal	1 mm
Contact-Ø power	3.6 mm
Terminal cross section data	0,14 – 1 mm ²
Terminal cross section signal	0,14 – 1,5 mm ²
Terminal cross section power	2,5 – 16 mm ²
Crimp range	0.14 – 16 mm ²
Nominal current data	1,2 A
Nominal current signal	7 A



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Commercial data	
Nominal current power	55 A
Nominal voltage at degree of pollution 3 data	30 V~
Nominal voltage at degree of pollution 3 signal	150 V~
Nominal voltage at degree of pollution 3 power	600 V~
Test voltage data	840 V~
Test voltage signal	840 V~
Test voltage power	4000 V~
Insulation resistance data	10 ⁸ Ω
Insulation resistance signal	10 ⁸ Ω
Insulation resistance power	10 ⁸ Ω
max. contact resistance data	0,003 mOhm
max. contact resistance signal	3 mOhm
max. contact resistance power	1 mOhm
Minimum mating cycles	> 500
Suitable data contacts	S7.015.961.002
Suitable Signal contacts	S7.015.961.002 , S7.015.961.012
Suitable power contacts	S7.015.963.602 , S7.015.963.612 , S7.015.963.622 , S7.015.963.632
Suitable PE-/FE-contacts	S7.015.963.602 , S7.015.963.612 , S7.015.963.622 , S7.015.963.632



Housing incl. insert cable connector M40

Power - 2+6+4+PE

Item number S7.710.862.000

Commercial data	
Packaging Unit	5
EAN code	4033878012451
Weight	0.39848 kg
ETIM 7	EC002635
ETIM 8	EC002635
ETIM 9	EC002635
eCl@ss 10.1	27440102
Customs tariff number	85366990

Note:

