



The image is purely indicative and may not fully reflect the product configuration.

KIT Micro Connector Socket and Plug 3p Screw LN-PE D3.5-7.9 IP66/IP68/IP69

Code: **THB.381.A3E.R**



Any changes made to the technical data sheet may be made without prior notice.

GENERAL INFORMATION

Installation type	Plug and socket connection
Configuration	Socket and plug
Locking mechanism	Push Pull
Color	Black (Plastic components) - Techno Green (Rubber components)
External dimensions (mm)	Ø 14.0 x 53.0
External dimensions of the inserted plug socket (mm)	Ø 14.0 x 90.0

ELECTRICAL DATA

Connection points	2
Circuit application	Power/Signal
Rated current (AC/DC)	10A
Rated voltage (AC/DC)	500V AC
Supplementary-reinforced insulation (Class II)	250V
Impulse withstand voltage	4kV
Number of poles	3
Contact symbols	LNE
Type of contacts	Allen key
Thread/Tightening Torque	M2 - 0.1 Nm

CONNECTION DATA

MIN flexible conductor cross-section without cable lug (mm ²)	0.25
MAX flexible conductor cross-section without cable lug (mm ²)	1.00
Conductor stripping length (mm)	10.00
Cable stripping length (mm)	8.00 pm
Recommended cable type	H05xxx/H07xxx
MIN cable diameter (mm)	3.50
MAX cable diameter (mm)	7.90
Cable gland-connector tightening torque	1 Nm
Tightening torque of nut-cable gland	1.5 Nm

ENVIRONMENTAL CONDITIONS

IP protection rating	IP66, IP68, IP69 <i>*IP68 (30m/1h)</i>
Corrosion resistance	Salt mist test: EN60068-2-11:2000
Connection-disconnection cycles	100 cycles
MIN/MAX Temperature (According to EN61984/EN60998)	-40°C/+125°C
MAX operating temperature	+60°C
Tracking Index	PTI 175

MATERIALS

Connector	PA66 GF UL94 V0
Cable gland	PA66 GF UL94 V2
Gaskets	TPE
Cable sealing grommets	TPE
Overvoltage category	II
Level of pollution	2
Property	Halogen Free - Silicone Free
Contacts	Brass
Contact screws	Steel


PRODUCT COMPLIANCE

IEC Approval









EN 61984:2009

Item Code: THB.381.A3E.R

Description: micro-Plug&Socket connector

Item	Features / Property
	<p>Description micro-Plug&Socket connector</p>
	<p>IP protection: IP66 / IP68</p>
	<p>Contact marking: L – N – E</p>

Type of packaging: single packed unit, not assembled, with the following accessories:

Item	Description	Quantity
 <p>6DB057400</p>	Closure caps	1
 <p>6DB057300</p>	Closure caps	1
 <p>6000465CC</p>	Nut Ø 6.9mm	2
 <p>6000469GT</p>	Cable reductions 5.8mm – 6.9mm	2
 <p>650000800</p>	Allen screw driver 0.9mm	1
 <p>6000473GT</p>	Cable reductions 3.5mm – 5.5mm	2
 <p>6000462KC</p>	Accessories for cable fixing	1
 <p>606001100</p>	Installation sheet	1