

PLUGS AND SOCKETS with Screw Terminals

- IEC 60309-1/2, EN 60309, VDE 0623
- Protection degree IP44, IP67

Connector with Multi-Grip

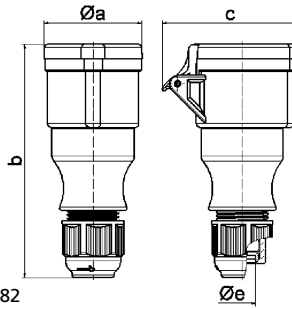
- Screw terminals
- One-piece enclosure
- Special gland, simultaneous cable gland and seal
- Protection degree IP44

Ampere	Poles	110V 50-60 Hz			230V 50-60 Hz			400V 50-60 Hz			500V 50-60 Hz			100-300Hz > 50V			301-500Hz > 50V			Qty	each	
		2P+E	3P+E	3P+N+E	3pol 4h	4pol 4h	5pol 4h	3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h	3pol 7h	4pol 7h	5pol 7h	3pol 10h	4pol 10h	5pol 10h			3pol 2h
16	3				<u>31000-TLS</u>				<u>31001-TLS</u>												10	140
16	4				<u>31003-TLS</u>				<u>31004-TLS</u>												10	160
16	5				<u>31009-TLS</u>				<u>31010-TLS</u>												10	180
32	3				<u>31012-TLS</u>				<u>31013-TLS</u>												10	240
32	4				<u>31015-TLS</u>				<u>31016-TLS</u>												10	250
32	5				<u>31021-TLS</u>				<u>31022-TLS</u>												10	260



Fig.: Type 304-TLS

3 MB 82



Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a Ø	51.0	58.0	65.0	67.0	67.0	73.0
b	145.0	148.0	156.0	185.0	185.0	185.0
c	74.0	84.0	90.0	94.0	94.0	102.0
e Ø	18.0	18.0	18.0	23.0	23.0	23.0
Cond. mm² min	1	1	1	2.5	2.5	2.5
Cond. mm² max	2.5	2.5	2.5	6	6	6

Connector with Multi-Grip

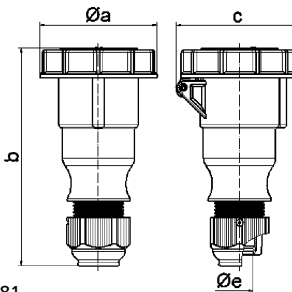
- Screw terminals
- Nickel plated contacts
- One-piece enclosure
- Special gland, simultaneous cable gland and seal
- Protection degree IP67

Ampere	Poles	110V 50-60 Hz			230V 50-60 Hz			400V 50-60 Hz			500V 50-60 Hz			100-300Hz > 50V			301-500Hz > 50V			Qty	each	
		2P+E	3P+E	3P+N+E	3pol 4h	4pol 4h	5pol 4h	3pol 6h	4pol 9h	5pol 9h	3pol 9h	4pol 6h	5pol 6h	3pol 7h	4pol 7h	5pol 7h	3pol 10h	4pol 10h	5pol 10h			3pol 2h
16	3				<u>310331</u>				<u>310333</u>												10	175
16	4				<u>310338</u>				<u>310339</u>												10	200
16	5				<u>310344</u>				<u>310345</u>												10	220
32	3				<u>310350</u>				<u>310351</u>												10	305
32	4				<u>310356</u>				<u>310357</u>												10	315
32	5				<u>310362</u>				<u>310363</u>												10	360



Fig.: Type 310346

3 MB 81



Ampere	16	16	16	32	32	32
Poles	3	4	5	3	4	5
a Ø	70.5	78.0	86.5	94.0	94.0	101.5
b	154.0	155.0	160.0	190.0	190.0	190.0
c	77.0	83.0	93.0	99.0	99.0	107.0
e Ø	18.0	18.0	18.0	23.0	23.0	23.0
Cond. mm² min	1	1	1	2.5	2.5	2.5
Cond. mm² max	2.5	2.5	2.5	6	6	6