

MENNEKES ELEKTROTECHNIK GMBH & CO KG
 MR R CRAMER
 POSTFACH 1364
 57343 LENNESTADT GERMANY

RE: Project Number(s) - 03CA09239

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QMTU December 4, 2003
Plugs, Socket Outlets and Couplers for Industrial Purposes Classified in Accordance with IEC Publications

MENNEKES ELEKTROTECHNIK GMBH & CO KG
POSTFACH 1364, 57343 LENNESTADT GERMANY

E241091

Plugs, socket-outlets and couplers for industrial purposes.

16 A Devices Plugs and Connectors:

Device Type	Wiring	Ratings	Configuration/Clock Position
16 A Attachment Plug	<i>147</i> 2 pole, 3 wire	16 A,130V ac	4h
	<i>148</i> 2 pole, 3 wire	16 A,250V ac	6h
	<i>149</i> 2 pole, 3 wire	16 A,415V ac	9h
	<i>152</i> 3 pole, 4 wire	16 A,415V ac	6h
	<i>153</i> 3 pole, 4 wire	16 A,500V ac	7h
	<i>151</i> 3 pole, 4 wire	16 A,250V ac	9h
	<i>13</i> 4 pole, 5 wire	16 A,415V ac	6h
	<i>157</i> 4 pole, 5 wire	16 A,250V ac	9h
16 A Connector	<i>179</i> 2 pole, 3 wire	16 A,130V ac	4h
	<i>180</i> 2 pole, 3 wire	16 A,250V ac	6h
	<i>181</i> 2 pole, 3 wire	16 A,415V ac	9h
	<i>194</i> 3 pole, 4 wire	16 A,415V ac	6h
	<i>195</i> 3 pole, 4 wire	16 A,500V ac	7h
	<i>193</i> 3 pole, 4 wire	16 A,250V ac	9h
	<i>15</i> 4 pole, 5 wire	16 A,415V ac	6h
	<i>199</i> 4 pole, 5 wire	16 A,250V ac	9h

32 A Devices Plugs and Connectors:

An independent organization working for a safer world with integrity, precision and knowledge.

Device Type	Wiring	Ratings	Configuration/Clock Position
32 A Attachment Plug			
159	2 pole, 3 wire	32 A,130V ac	4h
160	2 pole, 3 wire	32 A,250V ac	6h
163	2 pole, 3 wire	32 A,415V ac	9h
164	3 pole, 4 wire	32 A,415V ac	6h
165	3 pole, 4 wire	32, A 500V ac	7h
14	4 pole, 5 wire	32 A,415V ac	6h
169	4 pole, 5 wire	32 A,250V ac	9h
32 A Connector			
121	2 pole, 3 wire	32 A,130V ac	4h
122	2 pole, 3 wire	32 A,250V ac	6h
126	3 pole, 4 wire	32 A,415V ac	9h
127	3 pole, 4 wire	32 A,500V ac	6h
125	3 pole, 4 wire	32 A,250V ac	7h
16	4 pole, 5 wire	32 A,415V ac	6h
			9h

63 A Devices Plugs and Connectors:

Device Type	Wiring	Ratings	Configuration/Clock Position
63 A Attachment Plug			
2849	2 pole, 3 wire	63 A,250V dc	3h
1226, 1570	2 pole, 3 wire	63 A,130V ac	4h
1227, 1571	2 pole, 3 wire	63 A,250V ac	6h
3629	2 pole, 3 wire	63 A,500V ac	7h
3213, 3444	2 pole, 3 wire	63 A,>250V dc	8h
1228, 1572	2 pole, 3 wire	63 A,415V ac	9h
3766	3 pole, 4 wire	63 A,>50V	1h
3574, 3931	3 pole, 4 wire	63 A,>50V	2h
3498	3 pole, 4 wire	63 A,440V ac	3h
1108, 1229	3 pole, 4 wire	63 A,130V ac	4h
1110, 1231	3 pole, 4 wire	63 A,415V ac	6h
1111, 1232	3 pole, 4 wire	63 A,500V ac	7h
1109, 1230	3 pole, 4 wire	63 A,250V ac	9h
1985	3 pole, 4 wire	63 A,>50V	10h
3180, 3672	3 pole, 4 wire	63 A,460V ac	11h
1340, 3465	4 pole, 5 wire	63 A,>50V	1h
2832, 3645	4 pole, 5 wire	63 A,>50V	2h
1112, 1233	4 pole, 5 wire	63 A,130V ac	4h
1114, 1235	4 pole, 5 wire	63 A,415V ac	6h
2958	4 pole, 5 wire	63 A,500V ac	7h
3572	4 pole, 5 wire	63 A,>250V	8h
1113, 1234	4 pole, 5 wire	63 A,250V ac	9h
2736	4 pole, 5 wire	63 A,460V ac	11h
3526	4 pole, 5 wire	63 A,>50V ac	12h
63 A Connector			
3654	2 pole, 3 wire	63 A,250V dc	3h
1236, 1573	2 pole, 3 wire	63 A,130V ac	4h
1237, 1574	2 pole, 3 wire	63 A,250V ac	6h
1238, 1575	2 pole, 3 wire	63 A,415V ac	9h
3537	3 pole, 4 wire	63 A,>50V	2h
3506	3 pole, 4 wire	63 A,440V ac	3h
1115, 1239	3 pole, 4 wire	63 A,130V ac	4h
1117, 1241	3 pole, 4 wire	63 A,415V ac	6h
1118, 1242	3 pole, 4 wire	63 A,500V ac	7h

Device Type	Wiring	Ratings	Configuration/Clock Position
1116, 1240	3 pole, 4 wire	63 A,250V ac	9h
2208	3 pole, 4 wire	63 A,>50V	10h
2368	3 pole, 4 wire	63 A,460V ac	11h
3691	3 pole, 4 wire	63 A,>50V	12h
3561	4 pole, 5 wire	63 A,>50V	1h
2834	4 pole, 5 wire	63 A,>50V	2h
1119, 1243	4 pole, 5 wire	63 A,130V ac	4h
1121, 1245	4 pole, 5 wire	63 A,415V ac	6h
3352	4 pole, 5 wire	63 A,500V ac	7h
3709	4 pole, 5 wire	63 A,>250V	8h
1120, 1244	4 pole, 5 wire	63 A,250V ac	9h
3588	4 pole, 5 wire	63 A,>50V	10h
3434	4 pole, 5 wire	63 A,460V ac	11h

125 A Devices Plugs and Connectors:

Device Type	Wiring	Ratings	Configuration/Clock Position
125 A Attachment Plug			
3398	2 pole, 3 wire	125 A,250V dc	3h
3399	2 pole, 3 wire	125 A,130V ac	4h
3400	2 pole, 3 wire	125 A,250V ac	6h
3598	2 pole, 3 wire	125 A,500V ac	7h
3362	2 pole, 3 wire	125 A,>250V dc	8h
3433	3 pole, 4 wire	125 A,>50V	1h
3570	3 pole, 4 wire	125 A,>50V	2h
1441	3 pole, 4 wire	125 A,130V ac	4h
1443	3 pole, 4 wire	125 A,415V ac	6h
1444	3 pole, 4 wire	125 A,500V ac	7h
1442	3 pole, 4 wire	125 A,250V ac	9h
3185	3 pole, 4 wire	125 A,460V ac	11h
3553	3 pole, 4 wire	125 A,>50V ac	12h
3712	4 pole, 5 wire	125 A,>50V	1h
3307	4 pole, 5 wire	125 A,>50V	2h
1445	4 pole, 5 wire	125 A,130V ac	4h
1447	4 pole, 5 wire	125 A,415V ac	6h
3173	4 pole, 5 wire	125 A,500V ac	7h
3431	4 pole, 5 wire	125 A,>250V	8h
1446	4 pole, 5 wire	125 A,250V ac	9h
3443	4 pole, 5 wire	125 A,460V ac	11h
125 A Cord Connector			
3388	2 pole, 3 wire	125 A,250V dc	3h
3389	2 pole, 3 wire	125 A,130V ac	4h
3390	2 pole, 3 wire	125 A,250V ac	6h
3552	3 pole, 4 wire	125 A,>50V	1h
3571	3 pole, 4 wire	125 A,>50V	2h
1448	3 pole, 4 wire	125 A,130V ac	4h
1450	3 pole, 4 wire	125 A,415V ac	6h
1451	3 pole, 4 wire	125 A,500V ac	7h
3235	3 pole, 4 wire	125 A,>250V	8h
1449	3 pole, 4 wire	125 A,250V ac	9h
3551	3 pole, 4 wire	125 A,>50V	12h
3278	4 pole, 5 wire	125 A,>50V	2h
1452	4 pole, 5 wire	125 A,130V ac	4h
1454	4 pole, 5 wire	125 A,415V ac	6h
3174	4 pole, 5 wire	125 A,500V ac	7h

Device Type	Wiring	Ratings	Configuration/Clock Position
3634	4 pole, 5 wire	125 A,>250V	8h
1453	4 pole, 5 wire	125 A,250V ac	9h

16 A Socket Outlet Devices:

Socket Outlet Cat. Nos.	Rating	IEC Ground Clock Position	Type
2760, 2973	> 50 V,IP44	1h	2 pole, 3 wire
2949, 3055, 3187	> 50 V ac 300 - 500 Hz	2h	2 pole, 3 wire
2289, 3214, 3216	250 V dc,IP44	3h	2 pole, 3 wire
217, 1365, 1462, 1474	130 V ac,IP44,IP67(1474 only)	4h	2 pole, 3 wire
218, 1366, 1463, 1475	250 V ac,IP44,IP67(1475 only)	6h	2 pole, 3 wire
2153, 3050	500 V ac,IP44	7h	2 pole, 3 wire
2487	> 250 V dc,IP44	8h	2 pole, 3 wire
219, 1367, 1464, 1476	415 V ac,IP44,IP67(1476 only)	9h	2 pole, 3 wire
3054, 3186	> 50 V ac 100 - 300 Hz,IP44	10h	2 pole, 3 wire
806, 3053, 3217	Supply from an isolating transformer,IP44	12h	2 pole, 3 wire

16 A Socket Outlet Devices

Socket Outlet Cat. Nos.	Rating	IEC Ground Clock Position	Type
2925, 3020, 3169	> 50 V,IP44	1h	3 pole, 4 wire
225, 1393, 1470	> 50 V ac 300 - 500 Hz,IP44	2h	3 pole, 4 wire
2226, 23795	440 V ac,IP44	3h	3 pole, 4 wire
220, 1388, 1465	130 V ac,IP44	4h	3 pole, 4 wire
222, 1390, 1467, 1479	415 V ac,IP44, IP67(1479 only)	6h	3 pole, 4 wire
223, 1391, 1468, 1480	500 V ac,IP44,IP67(1480 only)IP44,IP67(1480 only)	7h	3 pole, 4 wire
221, 1389, 1466, 1478	250 V ac,IP44,IP67(1478 only)	9h	3 pole, 4 wire
224, 1392, 1469, 1481	> 50 V ac 100 - 300 Hz,IP44,IP67(1481 only)	10h	3 pole, 4 wire
2249, 3051	460 V ac,IP44	11h	3 pole, 4 wire
807, 3052, 3218	Supply from an isolating transformer,IP44	12h	3 pole, 4 wire
2917, 2931, 3650, 24563	> 50 V,IP44,IP67(3650 only)	1h	4 pole, 5 wire
2606, 3060, 3190	> 50 V ac 300 - 500 Hz,IP44	2h	4 pole, 5 wire
2450	440 V ac,IP44	3h	4 pole, 5 wire
226, 1384, 1471, 1483, 2765	130 V ac,IP44,IP67(1483 only)	4h	4 pole, 5 wire

Socket Outlet Cat. Nos.	Rating	IEC Ground Clock Position	Type
228, 1385, 1473, 1485	415 V ac,IP44,IP67(1485 only)	6h	4 pole, 5 wire
2135, 2532, 3057, 3188	500 V ac,IP44,IP67(2532 only)	7h	4 pole, 5 wire
227, 1386, 1472, 1484	250 V ac,IP44,IP67(1484 only)	9h	4 pole, 5 wire
3059, 3189	> 50 V ac 100 - 300 Hz,IP44	10h	4 pole, 5 wire
2314, 2339	460 V ac,IP44	11h	4 pole, 5 wire
2363, 2601	Supply from an isolating transformer,IP44	12h	4 pole, 5 wire

32 A Socket Outlet Devices

Receptacle Cat. Nos.	Rating	Clock counter position	Type
3087, 3202	32 A, > 50 V 32 A, > 50 V ac 300 - 500 Hz, IP44	1h 2h	2 pole, 3 wire 2 pole, 3 wire
2512, 2547	32 A, 250 V dc, IP44	3h	2 pole, 3 wire
229, 1394, 1491, 1501	32 A, 130 V ac, IP67, IP44, IP44, IP67	4h	2 pole, 3 wire
230, 1395, 1492, 1502	32 A, 250 V ac, IP67, IP44, IP44, IP67	6h	2 pole, 3 wire
3442	32 A, 500 V ac, IP44	7h	2 pole, 3 wire
231, 1396, 1493, 1503	> 250 V dc 32 A, 415 V ac, IP67, IP44, IP44, IP67	8h 9h	2 pole, 3 wire 2 pole, 3 wire
3201	32 A, > 50 V ac 100 - 300 Hz, IP44	10h	2 pole, 3 wire
808, 3088, 3219	32 A, > 50V Supply from an isolating transformer, IP67, IP44, IP44	12h	2 pole, 3 wire

32 A Socket Outlet Devices

Receptacle Cat. Nos.	Rating	Clock counter position	Type
237, 1402, 1487	32 A, > 50 V ac 300 - 500 Hz, IP67, IP44, IP44	2h	3 pole, 4 wire
2123, 2303, 3685	32 A, 440 V ac, IPIP67, IPIP44, IP67	3h	3 pole, 4 wire
232, 1397, 1494, 1504	32 A, 130 Vac, IP67, IP44, IP44, IP67	4h	3 pole, 4 wire
234, 1399, 1496, 1506	32 A, 415 Vac, IP67, IP44, IP44, IP67	6h	3 pole, 4 wire
235, 1400, 1497, 1507	32 A, 500 V ac, IPIP67, IPIP44, IP44, IP67	7h	3 pole, 4 wire
233, 1398, 1495, 1505	32 A, 250 V ac, IP67, IP44, IPIP44, IP67	9h	3 pole, 4 wire
236, 1401, 1486, 1567	32 A, > 50 V ac 100 - 300 Hz, IP67, IP44, IP44, IP67	10h	3 pole, 4 wire
2250, 2738, 3065	32 A, 460 V ac, IP44, IP67, IP44	11h	3 pole, 4 wire

Receptacle Cat. Nos.	Rating	Clock counter position	Type
809, 3067, 3220	32 A,>50V,Supply from an isolating transformer,IP67,IP44,IP44	12h	3 pole, 4 wire
2997, 3162, 3979	32 A,> 50 V,IP44,IP44,IP67	1h	4 pole, 5 wire
1402, 2938, 3193, 3447	32 A,> 50 V ac 300 - 500 Hz,IP44,IP67,IP44,IP44	2h	4 pole, 5 wire
238, 1274, 1498	32 A,130 V ac,IP67,IP44,IP44	4h	4 pole, 5 wire
240, 1276, 1500, 1551, 3451	32 A,415 V ac,IP67,IP44,IP44,IP67,IP44	6h	4 pole, 5 wire
2136, 3191, 3452	32 A,500 V ac,IP67,IP44,IP44	7h	4 pole, 5 wire
239, 1275, 1490, 1499, 3454	32 A,250 V ac,IP67,IP44,IP67,IP44,IP44	9h	4 pole, 5 wire
3192	32 A,> 50 V ac 100 - 300 Hz,IP44	10h	4 pole, 5 wire
2627, 2309	32 A,460 V ac,IP67,IP44	11h	4 pole, 5 wire
3067	32 A,>50V,Supply from an isolating transformer,IP44	12h	4 pole, 5 wire

63 A Socket Outlet Devices
Socket Outlets Cat. Nos.

Socket Outlets Cat. Nos.	Rating	IEC Ground Clock Position	Type
2733, 3462	63 A,50-250 Vac,IP44,IP67	3h	2 pole, 3 wire
1146, 1260, 1263	63 A,100-130 Vac,IP44,IP44,IP67	4h	2 pole, 3 wire
1147, 1261, 1264, 2180	63 A,250V ac,IP44,IP44,IP67,IP67	6h	2 pole, 3 wire
3605	63 A,500V ac,IP44	7h	2 pole, 3 wire
2428	63 A,>250V dc,IP67	8h	2 pole, 3 wire
1148, 1262, 1265, 2181	63 A,415V ac,IP44,IP44,IP67,IP67	9h	2 pole, 3 wire
203, 1122, 1149, 1246	63 A,130V ac,IP67,IP67,IP44,IP44	4h	3 pole, 4 wire
205, 1124, 1151, 1248	63 A,415V ac,IP67,IP67,IP44,IP44	6h	3 pole, 4 wire
206, 1125, 1152, 1249	63 A,500V ac,IP67,IP67,IP44,IP44	7h	3 pole, 4 wire
204, 1123, 1150, 1247	63 A,250V ac,IP67,IP67,IP44,IP47	9h	3 pole, 4 wire
1732	63 A,>50V ac,IP44	10h	3 pole, 4 wire
2397, 2850	63 A,460V ac,IP67,IP44	11h	3 pole, 4 wire
1266, 3233	63 A,>50V,IP44,IP67	1h	4 pole, 5 wire
2763, 2874	63 A,>50V,IP44,IP67	2h	4 pole, 5 wire
207, 1126, 1153, 1250	63 A,130V ac,IP67,IP67,IP44,IP44	4h	4 pole, 5 wire
209, 1128, 1155, 1252	63 A,415V ac,IP67,IP67,IP44,IP44	6h	4 pole, 5 wire
2708, 3082, 3282, 3507	63 A,500V ac,IP44,IP44,IP67,IP67	7h	4 pole, 5 wire
3000, 3309	63 A,>250V,IP67,IP44	8h	4 pole, 5 wire

Socket Outlets Cat. Nos.	Rating	IEC Ground Clock Position	Type
208, 1127, 1154, 1251	250V ac,IP67,IP67,IP44,IP44	9h	4 pole, 5 wire
3327	63 A,>50V ac,IP44	10h	4 pole, 5 wire

125 A Socket Outlet Devices

Socket Outlet Cat. Nos.	Rating	IEC Ground Clock Position	Type
3380, 3637	125 A,250V ac	6h	2 pole, 3 wire
3383, 3597	125 A,500V ac	7h	2 pole, 3 wire
3637	125 A,>250V dc	8h	2 pole, 3 wire
3383	125 A,415V ac	9h	2 pole, 3 wire
22002	125 A,>50V	1h	3 pole, 4 wire
2225		3h	3 pole, 4 wire
210, 1455	125 A,130V ac	4h	3 pole, 4 wire
212, 1457	125 A,415V ac	6h	3 pole, 4 wire
213, 1458	125 A,500V ac	7h	3 pole, 4 wire
211, 1456	125 A,250V ac	9h	3 pole, 4 wire
21996	125 A,>50V ac	12h	3 pole, 4 wire
	125 A,>50V	1h	4 pole, 5 wire
2558, 3300	125 A,>50V	2h	4 pole, 5 wire
214	125 A,130V ac	4h	4 pole, 5 wire
216, 1461	125 A,415V ac	6h	4 pole, 5 wire
2006, 3283	125 A,500V ac	7h	4 pole, 5 wire
215, 1460	125 A,>250V	8h	4 pole, 5 wire
	125 A,250V ac	9h	4 pole, 5 wire
2209	125 A,460V ac	11h	4 pole, 5 wire
2735	125 A,>50V	12h	4 pole, 5 wire

LOOK FOR CLASSIFICATION MARK ON PRODUCT