

Type Approval Certificate Extension

This is to certify that Certificate No. 91/20112 (E7) for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

PRODUCER WAGO Kontakttechnik GmbH & Co. KG

**PLACES OF
PRODUCTION** Hansastrasse 27
32423 Minden
Germany

WAGO Contact GmbH
Waldstraße 1
99702 Sondershausen
Germany

WAGO Contact SA
Zone Industrielle C
1564 Domdidier
Switzerland

DESCRIPTION Rail mounted terminal blocks with cage clamp spring

TYPES

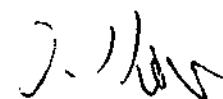
Rail mounted through terminal blocks	279-... with suffixes -101, -102, -104, -105, -901,
two-conductor through terminal block, 1-pole	-902, -903, -904, -905, -906, -989, -990, -992
three-conductor through terminal block, 1-pole	279-... with suffixes -681, -682, -684, -683, -685,
	-686, -993
four-conductor through terminal block, 1-pole	279-... with suffixes -604, -621, -831, -832, -834,
	-994, -835, -836, -833

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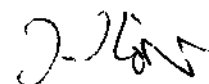
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TYPES CONTINUED

Rail mounted earth terminal block	279-... with suffixes -907, -907/999-950
two-conductor earth terminal block, 1-pole	
three-conductor earth terminal block, 1-pole	279-... with suffixes -687, -687/999-950
four-conductor earth terminal block, 1-pole	279-... with suffixes -837, -837/999-950
Shield conductor terminal blocks	279-908
two-conductor shield terminal block, 1-pole	
three-conductor shield terminal block, 1-pole	279-688
four-conductor shield terminal block, 1-pole	279-838
Double Potential terminal blocks	279-... with suffixes -626, -826, -995
four-conductor potential terminal block, 1-pole	
Diode and LED terminal blocks	279-... with suffixes -623/281-410, -623/281-411
four-conductor diode terminal block, 2-poles	
four-conductor diode terminal block, 2-poles	279-620/281 -408
four-conductor LED terminal block, 2-poles	279-... with suffixes -624/281-434, -624/281-413
Partly Ex-protected II2G Ex ell, PTB 00 ATEX 3113 U for series 279	
Rail mounted through terminal blocks	280-... with suffixes -101, -104, -601, -602, 691,-901,
two-conductor through terminal block, 1-pole	-902, -903, -904, -905, -906, -991,-992
three-conductor through terminal block, 1-pole	280-... with suffixes -641, -650, -651, -653, -654,-671,
	-672, -681, -684, -898, -993, -998
four-conductor through terminal block, 1-pole	280-... with suffixes -603, -604, -621, -633, -634, -646, -656, -699, -830, -831, -832, -833, -834, -835, -946, -990, -994, -996, -999
Rail mounted earth terminal block	280-... with suffixes -107, -108, -607, -907, -107/999-950, -607/999-950, -907/999-950
two-conductor earth terminal block, 1-pole	
three-conductor earth terminal block, 1-pole	280-... with suffixes -637, -687 -637/999-950, -687/999-950
four-conductor earth terminal block, 1-pole	280-... with suffixes -677, -837 -677/999-950

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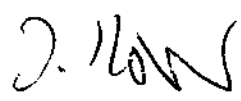
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TYPES CONTINUED

Shield conductor terminal blocks	280-640
three-conductor shield terminal block, 1-pole	
four-conductor shield terminal block, 1-pole	280-... with suffixes -678, -838
Double deck terminal blocks	280-... with suffixes -513, -519, -520, -523, -524, -529, -530, -533, -534, -539, -540, -541, -542, -543
two-conductor through/through terminal block, 2-poles	
two-conductor earth/through terminal block	280-... with suffixes -517, -527, -537
two-conductor through/disconnect terminal block, 2-poles	280-... with suffixes -521, -522, -525, -526
two-conductor through/carrier terminal block, 2-poles	280-... with suffixes -531, -532
Triple deck terminal blocks	280-... with suffixes -510, -547, -557, -597
two-conductor earth/through/through terminal block, 3-poles	
two-conductor shield/through/through terminal block, 3-poles	280-... with suffixes -548, -558
two-conductor through/through/through terminal block, 3-poles	280-... with suffixes -549, -550, -551, -552
Disconnect terminal blocks	280-... with suffixes -612, -627, -649, -912
two-conductor disconnect terminal block, 1-pole	
three-conductor disconnect terminal block, 1-pole	280-683
two-conductor disconnect terminal block, 1-pole	280-... with suffixes -874, -881, -883, -885
two-conductor disconnect terminal block, 1-pole	280-... with suffixes -868, -870, -876, -879
two- and four-conductor disconnect terminal block with shield	280-... with suffixes -869, -882, -884-871, -875, -880,
four-conductor disconnect terminal block, 1-pole	280-... with suffixes -622, -685, -676, -695
Carrier terminal blocks	280-... with suffixes -616, -916
two-conductor carrier terminal block, 1-pole	
three-conductor carrier terminal block, 1-pole	280-610
four-conductor carrier terminal block, 1-pole	280-... with suffixes -606, -686

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TYPES CONTINUED

Double potential terminal blocks four-conductor double potential terminal block, 1-pole	280-... with suffixes -626, -826, -989, -995
LED and variable resistor terminal blocks two- and four-conductor diode terminal block variable resistor terminal block	280-... with suffixes -613, -915, -673, -623-655 and additional suffixes /281-410, /281-411 280-... with suffixes -615/281-412, -645/281-412 -61 5/281-428 250 V
double deck diode terminal block	280-... with suffixes -940/281-410, -940/281-411, -941/281-492 -941/281-941, -942/281-487, -942/281-489, -942/281-490 250V
four-conductor LED terminal block	280-... with suffixes -624/281-434, -624/281-413, -624/281-413 24V
double deck LED terminal block	280-... with suffixes -943/281-434, -943/281-413
<i>Partly Ex-protected II2G EEx eII, PTB 99 ATEX 3109 U for series 280</i>	
Rail mounted through terminal blocks two-conductor through terminal block, 1-pole	281-... with suffixes -101, -104, -191, -604, -601,- 691, -901, -902, -903, -904, -905, -906,-991, -992
three-conductor through terminal block, 1-pole	281-... with suffixes -631, -651, -678, -679, -681,- 684, -685, -686, -693, -695, -993, -998
four-conductor through terminal block, 1-pole	281-... with suffixes -652, -653, -654, -655,-663,- 664, -668, -994
Rail mounted earth and shield terminal blocks two-conductor earth terminal block, 1-pole	281-... with suffixes -107, -607, -637, -907, -108,- 107/999-950, -607/999-950, -637/999-950, -907/ 999-950
three-conductor earth terminal block, 1-pole	281-... with suffixes -687, -687/999/950
four-conductor earth terminal block, 1-pole	281-... with suffixes -657, -657/999-950
four-conductor shield terminal block, 1-pole	281-658
Double deck terminal blocks two-conductor through/through terminal block, 2-poles	281-... with suffixes -619, -620, -629, -630

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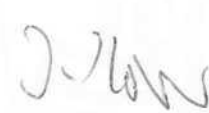
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TYPES CONTINUED

Four deck terminal blocks two-conductor through/through/through terminal block, 3-poles, one-conductor earth terminal block, 1-pole	281-530
Disconnect terminal blocks two-conductor disconnect terminal block, 1-pole	281-...with suffixes -666, -912
three-conductor disconnect terminal block, 1-pole	281-683
four-conductor disconnect terminal block, 1-pole	281-... with suffixes -659, -660
Carrier terminal block two-conductor carrier terminal block, 1-pole	281-916
three-conductor carrier terminal block, 1-pole	281-610
four-conductor carrier terminal block, 1-pole	281-656
Carrier terminal block with disconnect plug two-conductor carrier terminal block, 1-pole	281-624
Diode and LED terminal blocks two- and four-conductor diode terminal block	281-... with suffixes -603, -915, -673, -665 and additional suffixes / 281-400, / 281-401, / 281-410, / 281-411
double deck diode terminal block	281-... with suffixes -633/281-410, -633/281 -411, -635/281 -492, -635/281-491, -636/281 -487, 636/281-488, -635/281 -489, -635/281 -490
double deck LED terminal block	281-... with suffixes -634/281-434, -634/281-413
<i>Partly Ex-protected II2G Ex eII, PTB 00 ATEX 3110 U for series 281</i>	
Rail mounted through terminal blocks two-conductor through terminal block, 1-pole	282-... with suffixes -101, -102, -104, -105, -191, -601, -604, -691, -901, -902, -904, -992
two-conductor through terminal block, 1-pole	282-...694, -699, with suffixes -681, -682, -684, -993,
three-conductor through terminal block, 1-pole three-conductor through terminal block, 1-pole, with test plug, type 282-865 is provided with a branch for a connection bridge	282-... with suffixes -865, -866

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TYPES CONTINUED

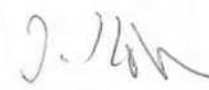
Rail mounted earth terminal block two-conductor earth terminal block, 1-pole	282-... with suffixes -107, -607, -907, -108, -107/999-950, -607/999-950, -907/999-950
three-conductor earth terminal block, 1-pole	282-... with suffixes -687, -687/999-950
Disconnect terminal blocks	
two-conductor disconnect terminal block, 1-pole	282-... with suffixes -132, -136, -131, -135, -138, -139, -140, -141
two-conductor disconnect terminal block, 1-pole	282-... with suffixes -695, -697
three-conductor disconnect terminal block, 1-pole, with test plug, type 282-870 is provided with a branch for a connection bridge	282-... with suffixes -860, -870
<i>Partly Ex-protected II2G Ex eII, PTB 98 ATEX 3131 U for series 282</i>	
Rail mounted through terminal blocks	
two-conductor through terminal block, 1-pole	283-... with suffixes -101, -102, -103, -104, -105, -191, -601, -604, -691, -901, -902, -904, -992
three-conductor through terminal block, 1-pole	283-... with suffixes -671, -672, -674
Rail mounted earth terminal blocks	
two-conductor earth terminal block, 1-pole	283-... with suffixes -107, -607, -609, -907, -108, -107/999-950, -607/999-950, -609/999-950, -907/999-950
three-conductor earth terminal block, 1-pole	283-... with suffixes -677, -998, -677/999-950
Disconnect terminal blocks	
two-conductor disconnect terminal block, 1-pole	283-... with suffixes -113, -123
<i>Partly Ex-protected II2G Ex eII, PTB 98 ATEX 3132 U for series 283</i>	
Rail mounted through terminal blocks	
two-conductor through terminal block, 1-pole	284-... with suffixes -101, -103, -104, -191, -601, -604, -691, -901, -902, -904, -992
three-conductor through terminal block, 1-pole	284-... with suffixes -681, -682, -684, -993
Rail mounted earth terminal blocks	
two-conductor earth terminal block, 1-pole	284-... with suffixes -107, -607, -907, -107/999-950, -607/999-950, -907/999-950
three-conductor earth terminal block, 1-pole	284-... with suffixes -687, -687/999-950

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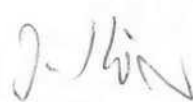
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TYPES CONTINUED

<i>Partly Ex-protected II2G Ex eII, PTB 98 ATEX 3133 U for series 284</i>	
Rail mounted through terminal blocks two-conductor through terminal block, 1-pole	285-... with suffixes -601, -604, -691
two-conductor through terminal block	285-... with suffixes -634, 635
two-conductor through terminal block, 1-pole	285-... with suffixes -194, -195
Rail mounted earth terminal blocks two-conductor earth terminal block, 1-pole	285-... with suffixes -607, -607/999-950, -637
two-conductor earth terminal block, 1-pole	285-197
Rail mounted through terminal blocks two-conductor through terminal block, 1-pole	285-... with suffixes -135, .134
two-conductor earth terminal block, 1-pole	285-137
<i>Partly Ex-protected II2G EEx eII, PTB 98 ATEX 3134 U and II2 G/D EEx e II, KEMA 00 ATEX 2015 U for series 285</i>	
Screwless terminal blocks two-conductor through terminal block, 1-pole (1 screwless and 1 piercing clamping unit)	290-... with suffixes -901 / -904
two-conductor earth terminal block, 1-pole (1 screwless and 1 piercing clamping unit)	290-907
two-conductor through terminal block, 1-pole (2 piercing clamping units)	290-... with suffixes -961 / 964
two-conductor earth terminal block, 1-pole (2 piercing clamping units)	290-967
three-conductor through terminal block, 1-pole (1 screwless and 2 piercing clamping units)	290-... with suffixes -681 / 684
three-conductor earth terminal block, 1-pole (1 screwless and 2 piercing clamping units)	290-687
three-conductor terminal block, 1-pole (3 piercing clamping units)	290-... with suffixes - 661 / 664
three-conductor earth terminal block, 1-pole (3 piercing clamping units)	290-667

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TYPES CONTINUED

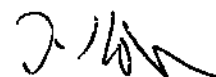
Conductor/pin receptacle terminal blocks	769-171
2-conductor/2-pin receptacle terminal block, 1-pole	
2-conductor/2-pin receptacle terminal block, 5-pole	769-175
4-pin receptacle terminal block, 1-pole	769-151
4-pin receptacle terminal block, 5-pole mod.	769-155
1-conductor/1-pin receptacle terminal block, 1-pole	769-176
2-pin receptacle terminal block, 1-pole	769-156
1-conductor/1-pin receptacle terminal block, 1-pole	769-214
1-conductor/1-pin receptacle terminal block, 2-pole	769-181
2-pin receptacle terminal block, 2-pole	769-161
Conductor/pin shield (screen) terminal blocks	769-211
2-conductor/2-pin shield (screen) terminal block, 1-pole	
4-pin shield (screen) receptacle terminal block, 1-pole	769-201
2-pin shield (screen) receptacle terminal block, 1-pole	769-221
1-conductor/1-pin shield (screen) terminal block, 1-pole	769-231
1-conductor/1-pin disconnect shield (screen) terminal block, 1-pole	769-233,-213
2-pin disconnect receptacle shield (screen) terminal block, 1-pole	769-203,-223
Conductor/pin ground (earth) receptacle terminal blocks	769-217
2-conductor/2-pin ground (earth) receptacle terminal block, 1-pole	
4-pin ground (earth) receptacle terminal block, 1-pole	769-207
1-conductor/1-pin ground (earth) terminal block, 1-pole	769-237
2-pin ground (earth) receptacle terminal block, 1-pole	769-227

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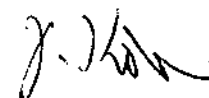
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Female plugs	769-101,-105
1-conductor female plug	
2-conductor female plug	769-121,-135
2-conductor female plug	769-121/000-016, 769-101/022-000, 769-103/022-000 769-114/022-000, 769-115/022-000
1-conductor angled female plug	769-114/022-000, 769-115/022-000
Conductor/pin disconnect receptacle terminal blocks	769-232
1-conductor/1-pin disconnect shield (screen) terminal block, 1-pole	
1-conductor/1-pin disconnect shield (screen) terminal block, 1-pole	769-212
2-pin disconnect shield (screen) terminal block, 1-pole	769-202,-222
Installation double deck terminal blocks	775-642
two-conductor through/through terminal block, 2-poles	
two-conductor neutral/through terminal block, 2-poles	775-649
Installation triple deck terminal block	775-641
two-conductor neutral/through earth terminal block, 3-poles	
two-conductor through/through/earth terminal block, 3-poles	775-645
two-conductor neutral/through/earth terminal block, 3-poles	775-646

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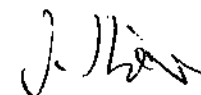
Installation triple deck terminal blocks two-conductor neutral through/earth terminal block, 3-poles, neutral of 776-641 is carried out for disconnection	776-641
two-conductor through through/earth terminal block, 3-poles, through neutral/earth terminal block, 3-poles	776-645, -646
Installation double deck terminal blocks two-conductor through/through terminal block, 2-poles	776-642
two-conductor neutral through terminal block, 2-poles	776-649
installation through terminal blocks	776-651
two-conductor neutral terminal block, 1-pole	776-650
Installation triple deck terminal blocks two-conductor neutral/through earth terminal block, 3-poles, neutral of 777-641 is carried out for a busbar connection of a busbar 3 x 10 mm	777-641,-646
two-conductor through/through/ earth terminal block, 3 poles	777-645
two-conductor through/through terminal block, 2-poles	777-642
two-conductor neutral/neutral terminal block with disconnect bridge, 2-poles neutral of 777-648 is carried out for a busbar connection of a busbar 3 x 10 mm	777-648, -647
Installation through terminal blocks two-conductor neutral/through terminal block, 2-poles	777-649
two-conductor neutral terminal block, 1-pole	777-651
two-conductor through terminal block, 1-pole	777-650

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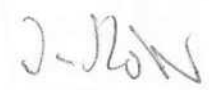
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Rail mounted through terminal blocks two-conductor through terminal block, 1-pole	780-... with suffixes -601, -602, -604, -992
three-conductor through terminal block, 1-pole	780-... with suffixes -631, -651, -654, -993
Rail mounted earth terminal block two-conductor earth terminal block, 1-pole	780-... with suffixes -607, -607/999-950
three-conductor earth terminal block, 1-pole	780-... with suffixes -637, -677, -637/999-950
Rail mounted neutral terminal block two-conductor through terminal block with neutral busbar connection of a busbar 3 x 10 mm, 1-pole	780-613
<i>Partly Ex-protected II2 G/D Ex eII, PTB 00 ATEX 3128 U for series 780</i>	
Rail mounted through terminal blocks two-conductor through terminal block, 1-pole	781-... with suffixes -601, -604, -992
three-conductor through terminal block, 1-pole	781-... with suffixes -631, -651, -993
Rail mounted earth terminal block two-conductor earth terminal block, 1-pole	781-... with suffixes -607, -607/999-950
three-conductor earth terminal block, 1-pole	781-... with suffixes -637, -637/999-950
Rail mounted neutral terminal block two-conductor through terminal block with neutral busbar connection of a busbar 3 x 10 mm, 1-pole types description	781-613
<i>Partly Ex-protected II2G Ex eII, PTB 00 ATEX 3129 U for series 781</i>	
Rail mounted through terminal blocks two-conductor through terminal block, 1-pole	782-... with suffixes -601, -604, -992
Rail mounted earth terminal blocks two-conductor earth terminal block, 1-pole	782-... with suffixes -607, -607/999-950

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TYPES CONTINUED

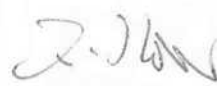
Rail mounted neutral terminal blocks two-conductor through terminal block with neutral busbar connection of a busbar 3 x 10 mm, 1-pole	782-613
<i>Partly Ex-protected II2 G/D Ex eII, PTB 00 ATEX 3130 U for series 782</i>	
Rail mounted through terminal blocks two-conductor through terminal block, 1-pole	783-... with suffixes -601, -604, -992
Rail mounted neutral terminal blocks two-conductor through terminal block with neutral busbar connection of a busbar 3 x 10 mm, 1-pole	783-613
<i>Partly Ex-protected II2 G/D Ex eII, PTB 00 ATEX 3131 U for series 783</i>	
Rail mounted through terminal blocks two-conductor through terminal block, 1-pole	784-... with suffixes -601, -604, -992
Rail mounted earth terminal blocks two-conductor earth terminal block, 1-pole	784-... with suffixes -607, -607/999-950
Rail mounted neutral terminal blocks two-conductor through terminal block with neutral busbar connection of a busbar 3 x 10 mm, 1-pole	784-613
<i>Partly Ex-protected II2 G/D Ex eII, PTB 00 ATEX 3132 U for series 784</i>	
Terminal blocks, 2-pole	862-... with suffixes -0552, -1552, -2552, -0562, -1562, -2562, -0532, -1532, -2532
Terminal blocks, 2-pole	862-... with suffixes -0652, -1652, -2652, -0662, -1662, -2662, -0632, -1632, -2632
Terminal blocks, 3-pole	862-... with suffixes -0503, -1503, -2503, -0553, -1533, -2533, -0593, -1593, -2593, -8503, -9503, -8533, -9533, -8593, -9593
Terminal blocks, 3-pole	862-... with suffixes -0603, -1603, -2603, -0633, -1633, -2633, -0693, -1693, -2693, -8603, -9603, -8633, -9633, -8693, -9693

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TYPES CONTINUED

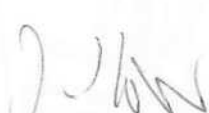
Terminal blocks, 4-pole	862-... with suffixes -0504, -1504, -2504, -0534, -1534, -2534, -0594, -1594, -2594, -8504, -9504, -8534, -9534, -8594, -9594
Terminal blocks, 4-pole	862-... with suffixes -0604, -1604, -2604, -0634, -1634, -2634, -0694, -1694, -2694, -8604, -9604, -8634, -9634,
Terminal blocks, 5-pole	862-... with suffixes -0505, -1505, -2505, -0525, -1525, -2525, -0515, -1515, -2515, -8505, -9505, -8525, -9525, -8515, -9515
	862-... with suffixes -0605, -1605, -2605, 0625, -1625, -2626, -0615, -1615, -2615, -8605, -9605, -8625, -9625, -9615,
<i>Partly Ex-protected II2 G/D Ex eII, PTB 03ATEX 1189 U for series 862</i>	
Rail mounted through terminal blocks	870-... with suffixes -901, -902, -904
two-conductor through terminal block, 1-pole	
three-conductor through terminal block, 1-pole	870-... with suffixes -681, -682, -684
four-conductor through terminal block, 1-pole	870-... with suffixes -831, -832, -834
Double deck terminal	870-... with suffixes -501, -502, -503, -504
two-conductor through/through terminal block, 2-poles	
two-conductor earth/through terminal block, 2-poles	870-... with suffixes -517, -527
four-conductor through terminal block, 2 levels connected to each other	870-... with suffixes -508, -509
three-conductor earth/through terminal block, 2-poles	870-... with suffixes -535, -536
three-conductor through terminal block, 2-poles	870-... with suffixes -531, -532, -533, -534
three-conductor through terminal block 2-levels connected to each other	870-... with suffixes -538, -539

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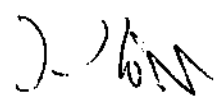
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TYPES CONTINUED

Triple deck terminal blocks two-conductor through/through/through terminal block, 3-poles	870-... with suffixes -551, -553
two-conductor shield/through/ through terminal block, 3-poles	870-... with suffixes -558, -559
two-conductor earth/through/ through terminal block, 3-poles	870-... with suffixes -567, -577
six-conductor through terminal block, 3 levels connected to each other	870-556
Rail mounted earth terminal block two-conductor earth terminal block, 1-pole	870-907
four-conductor earth terminal block, 2-levels connected to each other	870-507
six-conductor earth terminal block, 3-levels connected to each other	870-557
six-conductor earth terminal block, 2-levels connected to each other	870-537
three-conductor earth terminal block, 1-pole	870-687
four-conductor earth terminal block, 1-pole	870-837
two-conductor earth terminal block, 1-pole for mounting on top	870-917
1-conductor or 1-pin double deck terminal block one-conductor/one-pin through/through terminal block, 2-poles, pin unit connected for female plugs type 769	870-... with suffixes -101, -102, -103, -104
two-conductor/two-pin through terminal block, two levels, connected to each other, pin unit connected to female plugs type 769	870-... with suffixes -108, -109
Rail mounted through earth terminal block one-conductor/one-pin earth terminal block, 2-poles, pin unit connected to female plugs type 769	870-... with suffixes -117, 127

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TYPES CONTINUED

two-conductor/two-pin earth terminal block, two levels connected to each other, pin unit connected to female plugs type 769	870-107
<i>Partly Ex-protected II2 G/D Ex eII, PTB03 ATEX 1188 U for series 870</i>	
Rail mounted through terminal blocks	880-... with suffixes -901, -904, -902
two-conductor through terminal block, 1-pole	
three-conductor through terminal block, 1-pole	880-... with suffixes -681, -684, -682,
Rail mounted earth terminal blocks	880-907
two-conductor earth terminal block, 1-pole	
three-conductor earth terminal block, 1-pole	880-687
Through terminal block with shield contact	880-... with suffixes -961, -964, -962
two-conductor through terminal block, 1-pole with shield (screen) contact	
three-conductor through terminal block, 1-pole with shield (screen) contact	880-... with suffixes -661, -664, -662,
two-conductor through terminal block, with screwless-type terminal, 1 pole	2001-1201,-1202,-1203,-1204,-1205,-1206,-1208,-1209
two-conductor earth terminal block, with screwless-type terminal, 1 pole	2201-1207
three-conductor through terminal block, with screwless-type terminal, 1 pole	2001-1301,-1302,-1303,-1304,-1305,-1306,-1308,-1309
three-conductor earth terminal block, with screwless-type terminal, 1 pole	2001-1307
four-conductor through terminal block, with screwless-type terminal, 1 pole	2001-1401,-1402,-1403,-1404,-1405,-1406,-1408,-1409
four-conductor earth terminal block, with screwless-type terminal, 1 pole	2001-1407
<i>Partly Ex-protected II2 G/D Ex eII, PTB05 ATEX 1094 U for series 2001</i>	
two-conductor through terminal block, with screwless-type terminal, 1 pole	2004-1201,-1202,-1203,-1204,-1205,-1206,-1208,-1209

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TYPES CONTINUED

two-conductor earth terminal block, with screwless-type terminal, 1 pole	2004-1207
three-conductor through terminal block, with screwless-type terminal, 1 pole	2004-1301,-1302,-1303,-1304,-1305,-1306,-1308,-1309
three-conductor earth terminal block, with screwless-type terminal, 1 pole	2004-1307
<i>Partly Ex-protected II2 G/D Ex eII, PTB05 ATEX 1095 U for series 2004</i>	
two-conductor through terminal block, with screwless-type terminal, 1 pole	2010-1201,-1202,-1203,-1204,-1205,-1206,-1208,-1209
two-conductor earth terminal block, with screwless-type terminal, 1 pole	2010-1207
three-conductor through terminal block, with screwless-type terminal, 1-pol	2010, -1301, -1302, -1303, -1304, -1305, -1306, -1307, -1308, -1309
three conductor earth terminal block, with screwless-type terminal, 1-pol	2010-1307
<i>Partly Ex-protected II2 G/D Ex eII, PTB05 ATEX 1070 U for series 2010</i>	
plug connector for series 2002	2002-501
Seal plate for 2002-501	2002-541
Seal plate for 2002-501	2002-540
Terminal blocks TOPJOB S	
2,5 mm² rigid and flexible connectable 0,2 mm² - 4 mm² rigid and flexible	
two-conductor through terminal block, with screwless-type terminal, 1 pole	2002-1201,-1202,-1203,-1204,-1205,-1206,-1208,-1209
two-conductor earth terminal block, with screwless-type terminal, 1 pole	2202-1207
three-conductor through terminal block, with screwless-type terminal, 1 pole	2002-1301,-1302,-1303,-1304,-1305,-1306,-1308,-1309
three-conductor earth terminal block, with screwless-type terminal, 1 pole	2002-1307
Terminal blocks TOPJOB S	

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May be connected 0.25 mm ² – 4 mm ² rigid and stranded connectable 0.75 mm ² – 4 mm ² rigid and 0.75 mm ² – 2.5 mm ² insulated ferrule, 12 mm	
Two-conductor through terminal block, with screwless-type terminals, 2-poles	2002 – 2231, -2232, -2233, -2234, -2201, -2202, -2203, -2208, -2204
Two-conductor through terminal block with earth connection, and screwless-type terminals, 2-poles	2002 – 2227, -2247, -2257, -2217
Two-conductor through terminal block with screwless-type terminals, 2-poles. Upper and lower pole connected to each other	2002 – 2238, -2239, -2208, -2209
Two-conductor earth terminal block, with screwless-type terminals, 2-poles. Upper and lower pole connected to each other	2002 – 2207, -2237
Two-conductor through terminal block, with screwless-type terminals, 3-pole	2002 – 3231, -3257, -3233, -3201, -3203
Two-conductor through terminal block with earth connection and screwless-type terminals, 3-pole	2002 – 3247, -3257, -3217, -3227
Two-conductor through terminal block with shield and screwless-type terminal, 3-poles	2002 – 3248, -3258, -3218, -3228
Two-conductor earth terminal block, with screwless-type terminals, 3-poles, all poles connected to each other	2002 – 3207, -3237

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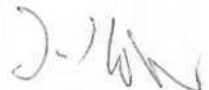
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TYPES CONTINUED

four-conductor through terminal block, with screwless-type terminal, 1 pole	2002-1401,-1402,-1403,-1404,-1405,-1406,-1408,-1409
four-conductor earth terminal block, with screwless-type terminal, 1 pole	2002-1407
<i>Partly Ex-protected II2 G/D Ex eII, PTB03 ATEX 1162 U for series 2002</i>	
Three-conductor through terminal block, with screwless-type terminal, 1-pole, angled type	2002-6301, -6302, -6303, -6304, -6305, - 6306, -6308, -6309
Three-conductor earth terminal block, with screwless-type terminal, 1-pole angled type	2002-6307
Four-conductor through terminal block, with screwless-type terminal, 1-pole angled type	2002-6401, -6402, -6403, -6404, -6405, -6406, -6408, -6409
Four-conductor earth terminal block, with screwless-type terminal, 1-pole angled type	2002-6407
6 mm² rigid and flexible connectable 0,5 mm² - 10 mm² rigid and flexible	
two-conductor through terminal block, with screwless-type terminal, 1 pole	2006-1201,-1202,-1203,-1204,-1205,-1206,-1208,-1209
two-conductor earth terminal block, with screwless-type terminal, 1 pole	2006-2007
three-conductor through terminal block, with screwless-type terminal, 1 pole	2006-1301,-1302,-1303,-1304,-1305,-1306,-1308,-1309
three-conductor earth terminal block, with screwless-type terminal, 1 pole	2006-1307
<i>Partly Ex-protected II2 G/D Ex eII, PTB05 ATEX 1030 U for series 2006</i>	
16 mm² rigid and flexible connectable 0,5 mm² - 16 mm² rigid and flexible (25 mm² only flexible)	
two-conductor through terminal block, with screwless-type terminal, 1 pole	2016-1201,-1202,-1203,-1204,-1205,-1206,-1208,-1209

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TYPES CONTINUED

<i>X-COMS System connectors and terminal blocks Series 2022</i>	
rail mounted terminal blocks	
two-conductor and one-pin through terminal block, 1-pole	2022-1301,-1304
two-conductor and two-pin through terminal block, 1-pole	2022-1401,-1404
double deck rail mounted through terminal blocks	
one-conductor and one-pin per pole terminal block, 2-poles	2022-2231,-2232,-2233,-2201,-2202,-2203,-2234,-2204
one-conductor and one-pin per pole terminal block, 2-poles, upper level a through terminal block, lower level a protective conductor terminal block	2022-2247,-2257,-2217,-2227
double deck rail mounted through terminal blocks internal bridged	
one-conductor and one-pin per pole through terminal block, 2-poles, the poles are connected together by a bridge	2022-2238,-2208,-2239,-2209
protective conductor terminal block	
two-conductor and one-pin, protective conductor terminal block, 1-pole	2022-1307
two-conductor and two-pin, protective conductor terminal block, 1-pole	2022-1407
double deck protective conductor terminal block	
one-conductor and one-pin per pole protective conductor terminal block, 2-poles, the poles are connected together by a bridge	2022-2237,-2207
one-conductor, two last number denotes number of number of poles	2022-101 up to and including-115,-161,-164,-171,-174,-181,-184
one-conductor connector, base module, centre module and end module	2022-161,-164,-171,-174
one protective conductor connector	2022-167,-177,-187

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APPLICATION

Marine, offshore and industrial applications for use in environmental categories ENV1, ENV2, ENV3 and ENV4 as defined in LR Type Approval System, Test Specification Number 1 – 1990, Print Edition 2.

**SPECIFIED
STANDARDS**

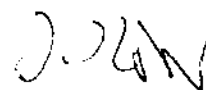
IEC 60947-7-1 : 1989
IEC 60947-7-2 : 1995
IEC 60998-2-2 : 1993
EN 60947-7-1 : 2002
EN 60947-7-2 : 2002
EN 61984 : 2001 (plug connector for series 2002)

"This Certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid certificate."

The attached Design Appraisal Document No. ETS 26217-12 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

All other details remain as the previous Certificate No. 91/20112 (E7) to which this extension should be attached.

Certificate No.	91/20112 (E8)
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Part 2
Terminals / Insulators

Producer/ Licence No.	Type	Standard	Rating			Category/ Additional Tests	Remarks	Cert. No.
			Voltage	Continuous Current Amperes	Maximum Conductor Size mm ² AWG			
WAGO Kontakttechnik GmbH & Co. KG Hansastraße 27 32423 Minden Germany	Rail mounted terminal blocks with cage clamp spring	IEC 60947-7-1:1989 IEC 60947-7-2:1995 EN 60947-7-1:2002 EN 60947-7-2:2002				ENV1, ENV2, ENV3, ENV4 (1990)	Expires: 04 March 2017 For specific types covered see Type Approval certificate	91/20112 (E8)
	279 series		800V	18	1.5			
	280 series		800V	24	2.5			
	281 series		800V	32	4.0			
	282 series		800V	41	6.0			
	283 series		800V	76	16.0			
	284 series		800V	57	10.0			
	285 series		1000V	125/232	35/95			
	290 series		500V	24	2.5			
	727 series		250V	10	1.5			
	769 series		250/500V	16	2.5/4			
	775 series		250/400/ 500V	20	2.5			
	776 series		400V	26/32	4.0			
	777 series		400V	32	4.0			
	780 series		1000V	24	2.5			
	781 series		1000V	32	4.0			
	782 series		1000V	41	6.0			
	783 series		1000V	76	16.0			
	784 series		1000V	57	10.0			
	862 series	EN 60947-7-1:2009	500V	32	4.0			
	870 series		500V	24	2.5			
	880 series	EN 60947-7-1:2002 EN 60947-7-2:2002	500V	25	4.0			
	2001 series		800V	18	1.5			
	2002 series		800V	20	4			
	2003 series		250/400V	32	4			
	2004 series	EN 60947-7-1:2002 EN 60947-7-2:2002	800V	32	4.0			
	2005 series		250/400V	36	4(6)			
	2006 series		800V	50	6.0			
	2010 series	EN 60947-7-1:2002 EN 60947-7-2:2002	800V	57	10.0			

26.5.12

Part 2
Terminals / Insulators

Producer/ Licence No.	Type	Standard	Rating				Category/ Additional Tests	Remarks	Cert. No.
			Voltage	Continuous Current Amperes	Maximum Conductor Size				
					mm ²	AWG			
	2016 series 2022 series	EN 60947-7-2:2009	800V 690V	85 28/32	16.0 4	- -			
	Plug connector 2002-501 Seal plate 2002-541, 2002-549	EN 61984:2001							

26.1.12



Marine Design Appraisal Document

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20457 Hamburg, Germany
Telephone +49 (0)40 328107 - 0 Fax +49 (0)40 328107 - 480
Email: hamburg-design-support@lr.org

Date
26 March 2012

Please quote this reference number on all future communications
HPC 1120358/26217-12/JK/LK

**THE LLOYD'S REGISTER'S TYPE APPROVAL SYSTEM, 2002
ISSUED TO: WAGO KONTAKTECHNIK GMBH & CO. KG
FOR: TERMINALS
TYPE APPROVAL CERTIFICATE NO. 91/20112 (E8)**

The undernoted documents have been reviewed for compliance with the requirements of the Lloyd's Register's Type Approval System, 2002, and this Design Appraisal Document forms part of the Certificate.

APPROVAL DOCUMENTATION

Form LR6606	Approval Services – Request for Quotation	15.08.2011
21731	Test report 2022 series	15.06.2011
21732	Test report 2003 series	03.06.2011
21733	Test report 2005 series	03.06.2011
21747	Test report 727-124 series	18.05.2011
5828	KEMA notification of test results and report	18.10.2005
6669	KEMA notification of test results and report	26.10.2009
6786	KEMA notification of test results and report	28.10.2010

Supplementary Type Approval Terms and Conditions

Type Approval certifies that a representative sample of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein. It does not mean or imply approval for any other use, nor approval of any product(s) designed or manufactured otherwise than in strict conformity with the said representative sample.

Type Approval is based on the understanding that the manufacturer's recommendations and instructions and any relevant requirements of the Rules and Regulations are complied with.

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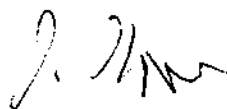
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Date
26 March 2012

Please quote the document number on all future communications
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Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations.

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