

ATEX Solutions

Systems for potentially explosive atmospheres



Range of products certificated in according to the Directive 94/9/CE for potentially explosive environments, made up of interlocked sockets, industrial plugs, rotary switches, start-stop and emergency push-buttons, metal junction boxes, plastic and metal cable glands, watertight luminaires and projectors.

ENERGY		LIGHTING
Connection systems		Lighting systems
<p>67 ATEX - Vertical socket-outlets with and without base</p> <p>Area 2 (G) - Area 22 (D) Ex nR T6 tD A22 IP67 T85°C Range: 16A - 63A</p>	<p>74 ATEX - Command devices in box</p> <p>Area 22 (D) Ex tD A22 IP66 T85°C X - Box with mushroom push-button - Box with stop/main push-buttons</p>	<p>84 range - Urano ATEX Compact asymmetrical floodlights</p> <p>Area 2 (G) - Area 22 (D) - Asymmetrical diffuser optics Lamp range: 70W - 150W</p>
<p>67 ATEX - Complementary items for ATEX socket-outlet without base</p> <p>Area 2 (G) - Area 22 (D) - Back-mounting box 16A - 32A - Modular bases 16A - 63A</p>	<p>76 ATEX - Junction boxes in varnished aluminium alloy</p> <p>Area 2 (G) - Area 22 (D) Ex nA tD A22 IP66 -20°C ≤Ta ≤ +85°C U</p>	<p>84 range - Titanium ATEX Symmetrical and asymmetrical floodlights</p> <p>Area 2 (G) - Area 22 (D) - Symmetrical and asymmetrical diffused optics Lamp range: 250W - 400W</p>
<p>60 ATEX - IEC309 Standard plugs</p> <p>Area 2 (G) - Area 22 (D) Ex nA T6 tD A22 IP67 T85°C X Range: 16A - 63A</p>	<p>76 ATEX - Complementary items for ATEX boxes</p> <p>Back-mounting plates in galvanised steel</p>	<p>83 range - Halle ATEX version Watertight suspension reflectors</p> <p>Area 2 (G) - Area 22 (D) - Standard or diffused optics Lamp range: 250W - 400W</p>
<p>70 ATEX - Disconnecting switches in casted aluminium enclosure</p> <p>Area 2 (G) - Area 22 (D) Ex nR T6 tD A22 IP65 T85°C X Range: 16A - 100A - Command version: black knob - Emergency version: red knob</p>	<p>52/76 ATEX - Metal cable glands</p> <p>Area 1 (G) - Area 20 (D) 2G 1D Ex e -20°C ≤Ta ≤ +95°C IP68 - Cable gland range: M12 - M63 / P.7 - P.48</p>	<p>80 range - ZNT ATEX version Watertight polycarbonate ceiling-mounting luminaires</p> <p>Area 2 (G) - Area 22 (D) Lamp range: 2x18W-2x36W-2X58W</p>
<p>76 ATEX - Junction boxes in varnished aluminium alloy</p> <p>Area 2 (G) - Area 22 (D) Ex nA tD A22 IP66 -20°C ≤Ta ≤ +85°C U</p>	<p>Fixing nuts for metal cable glands</p> <p>- Range: M12 - M63 / P.7 - P.48</p>	
<p>76 ATEX - Complementary items for ATEX boxes</p> <p>Back-mounting plates in galvanised steel</p>	<p>52/76 ATEX - Cable glands in insulating material</p> <p>Area 1 (G) - Area 20 (D) 2G 1D Ex e -20°C ≤Ta ≤ +95°C IP68 - Cable gland range: M12 - M63 / P.7 - P.48</p>	
<p>52/76 ATEX - Metal cable glands</p> <p>Area 1 (G) - Area 20 (D) 2G 1D Ex e -20°C ≤Ta ≤ +95°C IP68 - Cable gland range: M12 - M63 / P.7 - P.48</p>	<p>Fixing nuts for plastic cable glands</p> <p>- Range: M12 - M63 / P.7 - P.48</p>	
<p>Fixing nuts for metal cable glands</p> <p>- Range: M12 - M63 / P.7 - P.48</p>		
<p>52/76 ATEX - Cable glands in insulating material</p> <p>Area 1 (G) - Area 20 (D) 2G 1D EEx e -20°C ≤Ta ≤ +95°C IP68 - Cable gland range: M12 - M63 / P.7 - P.48</p>		
<p>Fixing nuts for plastic cable glands</p> <p>- Range: M12 - M63 / P.7 - P.48</p>		

INTERLOCKED SWITCHED SOCKET-OUTLETS

In (A)	POLES	WITH BASE		WITHOUT BASE		MODULAR BASES			BACK-MOUNTING BOX
		DIRECT	CBF	DIRECT	CBF	1 GANG	2 GANGS	3 GANGS	1 GANG
16A	2P + ⊕	GW 67 873	GW 67 941	GW 67 804	GW 67 850	GW 67 986	GW 67 987	GW 67 988	GW 67 981
	3P + ⊕	GW 67 877	GW 67 945	GW 67 808	GW 67 854				
	3P + N + ⊕	GW 67 878	GW 67 946	GW 67 809	GW 67 855				
32A	2P + ⊕	GW 67 884	GW 67 952	GW 67 815	GW 67 861				
	3P + ⊕	GW 67 888	GW 67 956	GW 67 819	GW 67 865				
	3P + N + ⊕	GW 67 889	GW 67 957	GW 67 820	GW 67 866				
63A	2P + ⊕	GW 67 896	GW 67 964						
	3P + ⊕	GW 67 900	GW 67 968					GW 67 989	
	3P + N + ⊕	GW 67 901	GW 67 969						

STRAIGHT TRAILING PLUGS

In (A)	POLES	VOLTAGE (V)			
		110V	230V	400V	500V
16A	2P + ⊕	GW 60 601	GW 60 604	GW 60 607	
	3P + ⊕	GW 60 602	GW 60 605	GW 60 608	GW 60 610
	3P + N + ⊕	GW 60 603	GW 60 606	GW 60 609	GW 60 611
32A	2P + ⊕	GW 60 612	GW 60 615	GW 60 618	
	3P + ⊕	GW 60 613	GW 60 616	GW 60 619 (6h) GW 60 623 (3h)	GW 60 621
	3P + N + ⊕	GW 60 614	GW 60 617	GW 60 620	GW 60 622
63A	2P + ⊕	GW 60 624	GW 60 627	GW 60 630	
	3P + ⊕	GW 60 625	GW 60 628	GW 60 631	GW 60 633
	3P + N + ⊕	GW 60 626	GW 60 629	GW 60 632	GW 60 634

BOXES, PLATES AND PUSH-BUTTONS

CODE	INTERNAL DIMENSIONS (mm)	BACK-MOUNTING PLATE
GW 76 291	91x91x54	
GW 76 292	128x103x57	GW 76 272
GW 76 293	155x130x58	GW 76 273
GW 76 294	178x156x75	GW 76 274
GW 76 295	239x202x85	GW 76 275
GW 76 296	294x244x114	GW 76 276
GW 76 297	392x298x144	GW 76 277
GW 74 232	Complete emergency push-button	
GW 74 233	Complete run-stop push-button	

PLASTIC AND METAL CABLE GLANDS WITH FIXING NUTS

CABLE GLANDS						FIXING NUTS					
PITCH	PLASTIC	METAL	PITCH	PLASTIC	METAL	PITCH	PLASTIC	METAL	PITCH	PLASTIC	METAL
PG	CODE	CODE	M	CODE	CODE	PG	CODE	CODE	M	CODE	CODE
7	GW 52 101	GW 76 901	12	GW 52 121	GW 76 921	7	GW 52 141	GW 76 941	12	GW 52 161	GW 76 949
9	GW 52 102	GW 76 902	16	GW 52 122	GW 76 922	9	GW 52 142	GW 76 942	16	GW 52 162	GW 76 951
11	GW 52 103	GW 76 903	20	GW 52 123	GW 76 923	11	GW 52 143	GW 76 957	20	GW 52 163	GW 76 952
13,5	GW 52 104	GW 76 904	25	GW 52 124	GW 76 924	13,5	GW 52 144	GW 76 958	25	GW 52 164	GW 76 953
16	GW 52 105	GW 76 905	32	GW 52 125	GW 76 925	16	GW 52 145	GW 76 959	32	GW 52 165	GW 76 954
21	GW 52 106	GW 76 906	40	GW 52 126	GW 76 926	21	GW 52 146	GW 76 960	40	GW 52 166	GW 76 955
29	GW 52 107	GW 76 907	50	GW 52 127	GW 76 927	29	GW 52 147	GW 76 961	50	GW 52 167	GW 76 956
36	GW 52 108	GW 76 908	63	GW 52 128	GW 76 928	36	GW 52 148	GW 76 962	63	GW 52 168	GW 76 950
42	GW 52 109	GW 76 909				42	GW 52 149	GW 76 963			
48	GW 52 110	GW 76 910				48	GW 52 150	GW 76 943			

DISCONNECTING SWITCHES

In (A)	POLES	CONTROL	EMERGENCY VERSION
16A	2P	GW 70 451	GW 70 471
	3P	GW 70 452	GW 70 472
	4P	GW 70 453	GW 70 473
32A	2P	GW 70 454	GW 70 474
	3P	GW 70 455	GW 70 475
	4P	GW 70 456	GW 70 476
63A	2P		
	3P	GW 70 457	GW 70 477
	4P	GW 70 458	GW 70 478
100A	2P		
	3P	GW 70 459	GW 70 479
	4P	GW 70 460	GW 70 480

LIGHTING SYSTEMS

LAMP POWER	70W	150W	250W	250W*	400W	400W*	2x18W	2x36W	2x58W
URANO	GW 84 133 S GW 84 133 M	GW 84 134 S GW 84 134 M							
TITANO			GW 84 581 S GW 84 581 M GW 84 591 S GW 84 591 M	GW 84 582 M GW 84 592 M	GW 84 583 S GW 84 583 M GW 84 593 S GW 84 593 M	GW 84 584 M GW 84 594 M			
HALLE			GW 83 563 S GW 83 563 M GW 83 573 S GW 83 573 M	GW 83 564 M GW 83 574 M	GW 83 566 S GW 83 566 M GW 83 576 S GW 83 576 M	GW 83 567 M GW 83 577 M			
ZNT							GW 80 454 GW 80 444	GW 80 455 GW 80 445	GW 80 456 GW 80 446

* Lamp with striking voltage 0.7 ÷ 1kV

Articles for Area 2 (G) Area 22 (D) except cable glands Area 1 (G) Area 20 (D)