HIMA Paul Hildebrandt GmbH + Co KG
Albert-Bassermann-Straße 28
D-68782 Brühl

List of discontinued products

HIMA SAFETY NONSTOP

System	Type	Part No.	Discontinuation Year	End of Life	Function compatible	Pin compatible	Alternative	Remark
H50	F 3112	98 1311202	01.01.1993	31.12.2002			no	
Planar F	F 3113	98 1311302	01.04.1996	31.03.2006	yes	yes	F 3113A	
Planar F	F 3113A	98 4311360	01.04.2012	31.03.2022			no	8channel output amplifier 12 W
Planar F	F 3115	98 1311502	31.12.1991	31.12.2001	no	no	F 3113A	Pre-logic: + 2xF 4101 + 1xF 4301
H50	F 3116	98 1311602	01.01.1995	31.12.2004	yes	yes	F 3221, F 3322	H 50 (6 HE) and H 51 in B 9601
Planar F	F 3117	98 1311702	01.04.2012	31.03.2022	yes	no	12100	4channel safety-rel. switch, amplif., RC 6, proximity switches
Planar F	F 3118	98 1311802	01.04.2012	31.03.2022	yes	no	12100	4channel safety-rel. switch, amplif., RC 6, with line monitoring
Planar F	F 3121	98 4312102					no	for OMV
Planar F	F 3208	98 1320802	31.12.1991	31.12.2001	yes	no	F 3239	resistor for line monitoring
Planar F	F 3209	98 1320902	01.04.1996	31.03.2006	yes	yes	F 3209A	F 3209A: [EEx ia]
Planar F	F 3209A	98 4320960	01.04.2002	31.03.2012				compatible with F 3209
Planar F	F 3211	98 1321102	01.04.1996	31.03.2005	yes	yes	F 3211A	F 3211A: [EEx ia]
Planar F	F 3211A	98 4321160	01.04.2002	31.03.2012				compatible with F 3211
Planar F	F 3212	98 1321202	01.04.1995	31.12.2004	yes	yes	F 3212A	F 3212A: [EEx ia]
Planar F	F 3212A	98 4321260	01.04.2012	31.03.2022	yes	no	13110	2channel (Ex)i buffer amplifier for proximity switches, ATEX
Planar F	F 3213	98 1321302	01.04.1995	31.12.2004	yes	yes	F 3213A	F 3213A: [EEx ia]
Planar F	F 3213A	98 4321360	01.04.2012	31.03.2022			no	2channel (Ex)i buffer amplifier for proximity switches, inverted, ATEX
Planar F	F 3214	98 1321402	01.04.1995	31.12.2004	yes	yes	F 3214A	F 3214A: [EEx ia]
Planar F	F 3214A	98 4321460	01.04.2012	31.03.2022			no	2channel (Ex)i buffer amplifier for proximity switches, relay output, ATEX
Planar F	F 3215	98 1321502	01.04.1995	31.12.2004	yes	yes	F 3215A	F 3215A: [EEx ia]
Planar F	F 3215A	98 4321560	01.04.2012	31.03.2022			no	2channel (Ex)i buffer amplifier. prox. switches, inverted, relay, ATEX
Planar F	F 3216	98 1321602	31.12.1991	31.12.2001	yes	no	F 3226A	double number of inputs
Planar F	F 3217	98 1321702	01.04.1995	31.12.2004			no	F 3232, F 3313
H41/H51	F 3223	98 1322302	01.01.2003	30.06.2003			F 3224A	no ATEX
H41/H51	F 3224	98 1322402	01.01.2003	30.06.2003			F 3224A	no ATEX
H41/H51	F 3225	98 1322502	01.04.2000	31.12.2010	yes	yes	F 3236	F 3225 discontinued product
Planar F	F 3226	98 1322602	01.04.1996	31.12.1996	yes	yes	F 3226A	F 3226A: [EEx ia]
Planar F	F 3226A	98 4322660	01.04.2012	31.03.2022	yes	no	13110	2channel (Ex)i safety-related switching amplifier, RC 6, ATEX
H41/H51	F 3227	98 1322702	01.01.1995	31.12.2004	yes	yes	F 3221	U>24 V, use relay
H41/H51	F 3227 110V	98 1322728	01.06.1994	31.05.2004	yes	yes	F 3221	U>24 V, use relay
H41/H51	F 3227 220V	98 1322750	01.06.1994	31.05.2004	yes	yes	F 3221	U>24 V, use relay
H41/H51	F 3227 24V	98 1322722	01.06.1994	31.12.2004	yes	yes	F 3221	U>24 V, use relay
H41/H51	F 3227 60V	98 1322725	01.06.1994	31.05.2004	yes	yes	F 3221	U>24 V, use relay
H41/H51	F 3228	98 1322802	01.04.1995	31.03.2005	(yes)	no	F 3221	F 3221 one L-, F 3228 discontinued product
H50	F 3229	98 1322902	31.12.1991	31.12.2001			no	
Planar F	F 3230	98 1323002	01.01.2003	30.06.2003	yes	no	F 3212A	F 3212A: [EEx ia] 2fold
Planar F	F 3231	98 1323102	01.01.1997	31.12.2006	yes	no	F 3213A	F 3213A: [EEx ia] 2fold
Planar F	F 3232	98 1323202	01.04.2002	31.03.2012				
Planar F	F 3233	98 1323302	31.12.1991	31.12.2001	(yes)	no	look remark	F 3226A with F 3219A
H41/H51	F 3234	98 1323402	before 1994	31.03.2003				
H41/H51	F 3235	98 1323502	01.04.1995	31.03.2005	yes	yes	F 3237	Initiator, other resistors
Planar F	F 3239	98 1323902	01.04.1998	30.06.2003				no ATEX
Planar F	F 3246	98 1324602	01.04.1997	31.03.1998	yes	yes	F 3246A	F 3246A: [EEx ia]
Planar F	F 3246A	98 4324660	01.04.2012	31.03.2022	yes	no	13110 o. H4011	2channel (Ex)i safety-related switching amplifier, RC 6, line monitoring, 1 electronic output, 2 changeover contacts, ATEX
Planar F	F 3247	98 1324702	01.04.1997	31.03.2005	yes	yes	F 3247A	F 3247A: [EEx ia]
Planar F	F 3247A	98 4324760	01.04.2012	31.03.2022	yes	no	13110 o. H4012	2channel (Ex)i safety-related switching amplifier, RC 6, with line monitoring, 1 electronic output, ATEX
Planar F	F 3303 110V	98 1330308	01.01.1995	31.12.2004			look remark	F 3417A but only relay output
Planar F	F 3303 24V	98 1330302	01.01.1995	31.12.2004	yes	yes	F 3316A	only up to 24 W
Planar F	F 3303 27V	98 1330307	01.04.1995	31.03.2005	yes	yes	F 3316A	only up to 24 W
Planar F	F 3303 60V	98 1330305	01.01.1995	31.12.2004	yes	no	F 3326A	
Planar F	F 3304	98 1330402	01.01.1995	31.12.2004	yes	yes	F 3315	double number of inputs, <=3 W
Planar F	F 3306	98 1330602	01.01.1995	31.12.2004			no	F 3232
Planar F	F 3308	98 1330802	31.12.1991	31.12.2001	yes	no	F 3328	F 3318 (minor Ex-values)
Planar F	F 3309	98 1330902	31.12.1991	31.12.2001				
H41/H51	F 3311	98 1331102	01.06.1994	31.05.2004	yes	no	F 3322	H 50, H 51 systems with B 9301
H41/H51	F 3312	98 1331202	01.06.1994	31.05.2004	yes	no	F 3332	H 50, H 51 systems with B 9301
H41/H51	F 3313	98 1331302	01.04.2000	31.12.2010	yes	no	F 3330	H 50, H 51 systems with B 9301
H41/H51	F 3314	98 1331402	01.04.2000	01.04.2010	yes	no	F 3333	H 50, H 51 systems with B 9301
Planar F	F 3315	98 1331502	01.04.2012	31.03.2022	yes	no	22100	4channel (Ex)i safety-rel. switch. amplif., RC 6, 25 VDC, 3 W
Planar F	F 3316	98 4331660	01.04.1997	31.03.2007	yes	yes	F 3316A	
Planar F	F 3316A	98 4331660	01.04.2012	31.03.2022	yes	no	22120	Safety-related switching amplifier, RC 6, 25 VDC, 24 W
Planar F	F 3317	98 1331702	01.04.1998	31.03.2008	(yes)	no	F 3316A + F 4111A	F 3317 discontinued product
Planar F	F 3318	98 4331802	01.04.2003	30.06.2003	yes	yes	F 3318A	nearly identical Ex values, no ATEX
Planar F	F 3318A	98 4331860	01.04.2012	31.03.2022		no		2channel safety-related switch. amplif., RC 6, with (Ex)i output, ATEX, SIL 3
Planar F	F 3319	98 1331902	01.04.1998	31.03.2008	yes	yes	F 3319A	