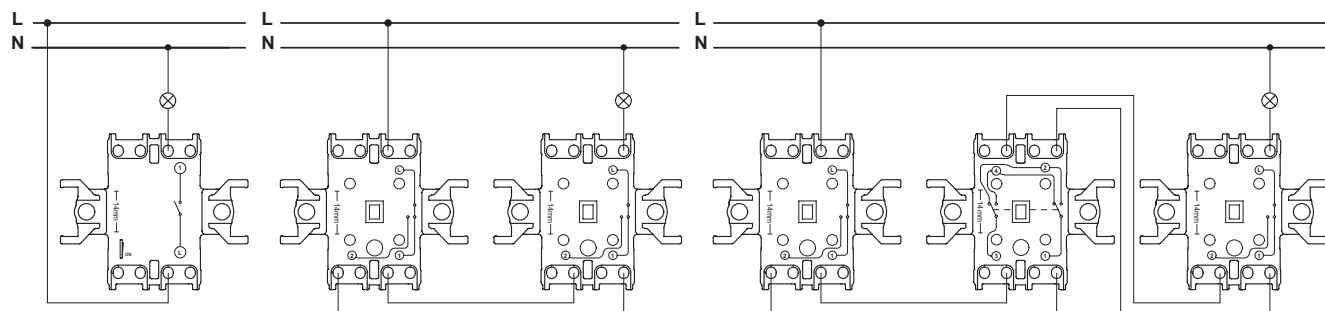


Technical information

Switches and push-buttons

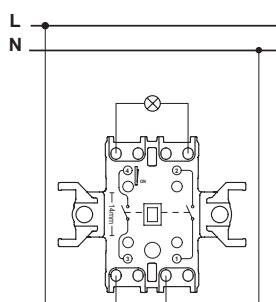
Connection examples



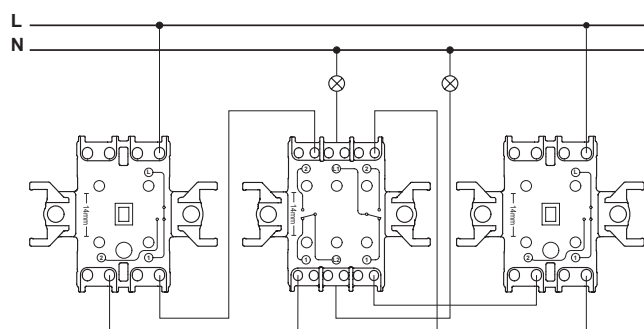
1-way switch

Two 2-way switches

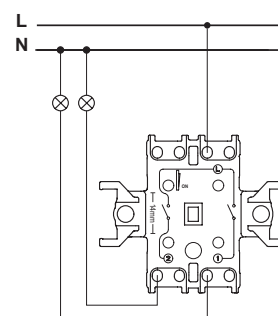
Two 2-way switches + 1 intermediate switch



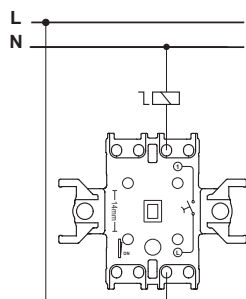
2-pole switch



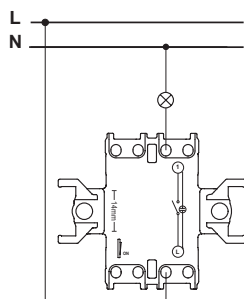
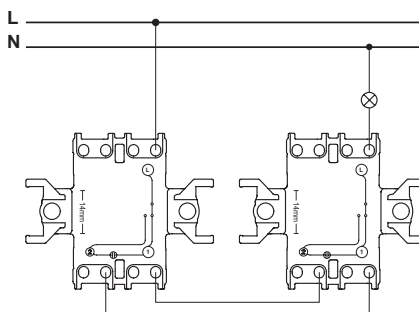
Two 2-way switches + one double 2-way switch acting on two different loads



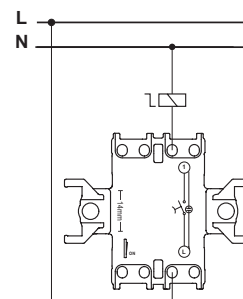
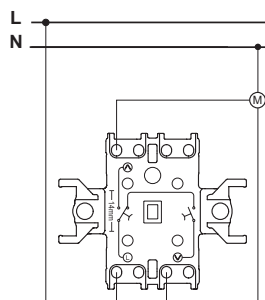
2-circuit switch



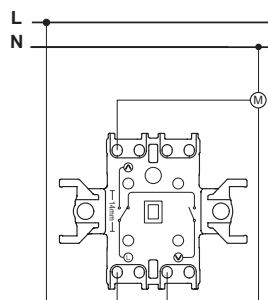
Push-button

1-way switch
with locator lamp

Two 2-way switches with locator lamps

Push-button
with locator lamp

Roller blind push-button



Roller blind switch

Technical information

Dimmers

Rotary electronic dimmer

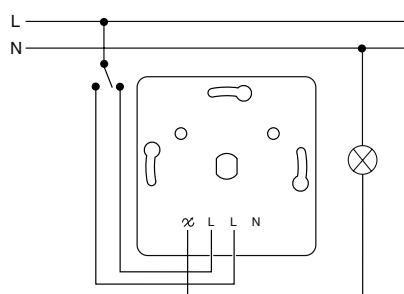
Installation

You must reduce the maximum allowed load due to the decreased heat dissipation when the device is not mounted into a single standard flushmounted mounting box.

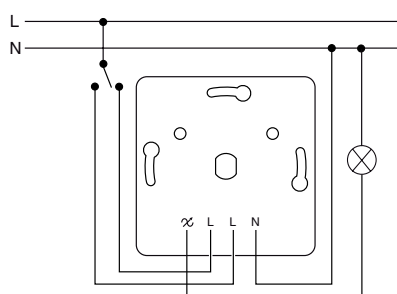
Load reduction by	Mounted in cavity walls ⁽¹⁾	Several installed together in combination ⁽¹⁾	In 1-gang or 2-gang surface-mounted housing	In 3-gang surface-mounted housing
25 %	■	■		
30 %			■	
50 %				■

(1) If several factors apply, add the load reductions together.

Connections

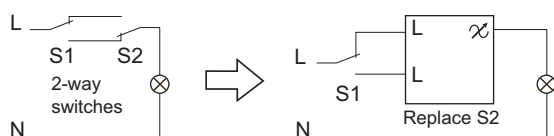
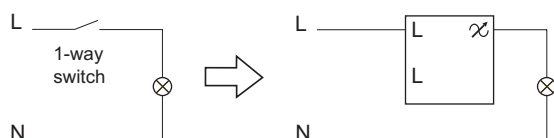


With neutral wire



Without neutral wire

Substitution examples



Technical information

Antenna outlets

Type			TV			TV-R		
			Ending 1 dB	Intermediate 4 dB	Intermediate 8 dB	Ending 1 dB	Intermediate 4 dB	Intermediate 8 dB
			EPH32001xx EPH32701xx	EPH32002xx	EPH32003xx EPH32703xx	EPH33001xx EPH33007xx	EPH33002xx	EPH33003xx
Loss		dB	1	4	8	1	4	8
Operating Frequency	SAT	MHz	-	-	-	-	-	-
	TV/VHF		5-862	5-862	5-862	118-470	118-470	118-470
	TV/UHF		5-862	5-862	5-862	470-830	470-830	470-830
	R		-	-	-	10-108	10-108	10-108
Pass through attenuation	SAT	dB	-	-	-	-	-	-
	TV/VHF		1	4	8	1.5	3.7	9.7
	TV/UHF		1	4	8	2.8	4.6	9.8
	R		-	-	-	11.1	9.3	8.1
Outlet atenuation		dB	1	4	8	0.5	0.5	0.5
DC Current			-	-	-	-	-	-
Outlets/line			-	-	-	1	4	4

Type			TV-SAT				TV-R-SAT		
			Ending 1 db	Intermediate 4 dB	Intermediate 8 dB	Individual 1 dB	Ending 1 db	Intermediate 4 dB	Intermediate 8 dB
			EPH34001xx EPH34701xx	EPH34002xx	EPH34003xx EPH34703xx	EPH34004xx	EPH35001xx	EPH35002xx	EPH35003xx
Loss		dB	1	4	8	1	1	4	8
Operating Frequency	SAT	MHz	950-2400	950-2400	950-2400	950-2400	950-2400	950-2400	950-2400
	TV/VHF		118-470	118-470	118-470	118-470	118-470	118-470	118-470
	TV/UHF		470-830	470-830	470-830	470-830	470-830	470-830	470-830
	R		-	-	-	-	10-108	10-108	10-108
Pass through attenuation	SAT	dB	13	12.1	10.3	13	4.1	4.2	4.3
	TV/VHF		2.2	4.5	10.8	2.2	1.5	4.9	11.1
	TV/UHF		1	4.8	12.3	1	2.7	5.1	11.6
	R		-	-	-	-	14.8	16.8	15.2
Outlet atenuation		dB	-	0.5	0.5	-	-	0.5	0.5
DC Current			in SAT outlet	in SAT outlet	in SAT outlet	in SAT outlet	in SAT outlet	in SAT outlet	in SAT outlet
Outlets/line			1	4	4	1	1	4	4

Type			TV-SAT-SAT	SAT	
			Ending 1 dB	Ending 1 db	Intermediate 4 dB
			EPH36001xx EPH36701xx	EPH37001xx EPH37701xx	EPH37002xx
Loss		dB	1	1	4
Operating Frequency	SAT	MHz	950-2400	950-2400	950-2400
	TV/VHF		118-470	118-470	118-470
	TV/UHF		470-830	470-830	470-830
	R		-	10-108	10-108
Pass through attenuation	SAT	dB	13	4.1	4.2
	TV/VHF		2.2	1.5	4.9
	TV/UHF		1	2.7	5.1
	R		-	14.8	16.8
Outlet atenuation		dB	-	-	0.5
DC Current			in SAT outlet	in SAT outlet	in SAT outlet
Outlets/line			1	1	4

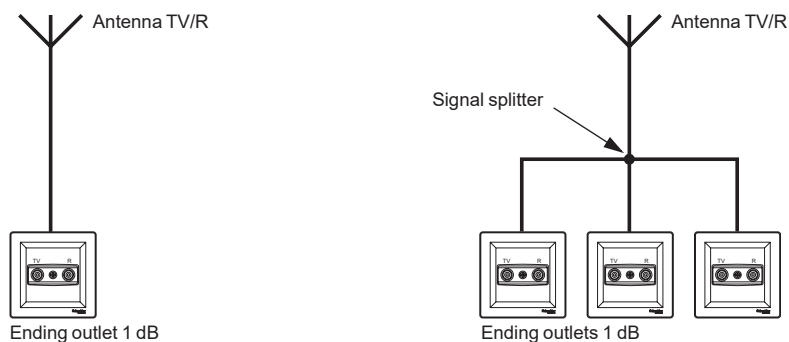
Only one of the outlets in "Ending TV / R outlet" can also be used as individual one.

Only the cable connected outlet in "Individual TV / SAT outlet" can be used as ending one in linear installation.

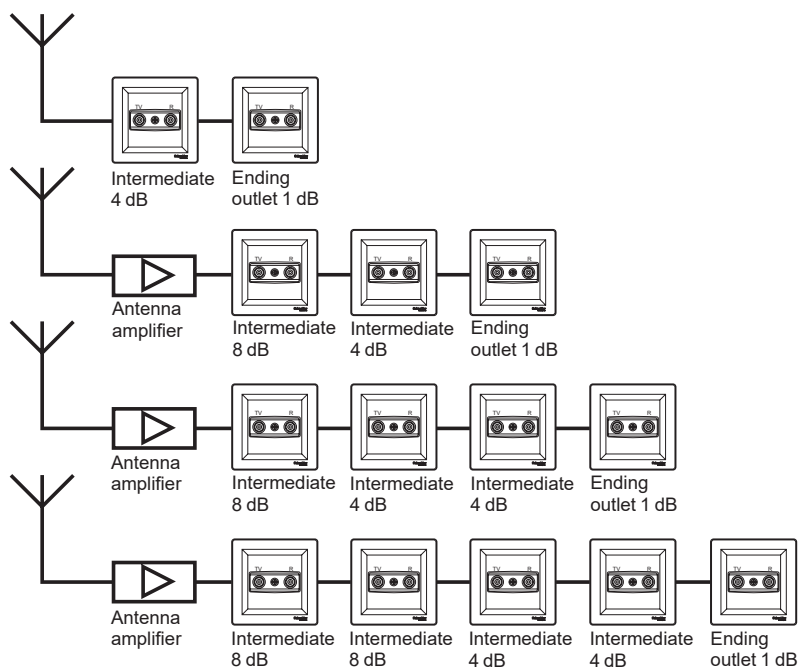
Technical information

Antenna outlets

TV/R applications



Linear installation inserts intermediate 4 dB, 8 dB and end of line 1 dB
(always in the end)

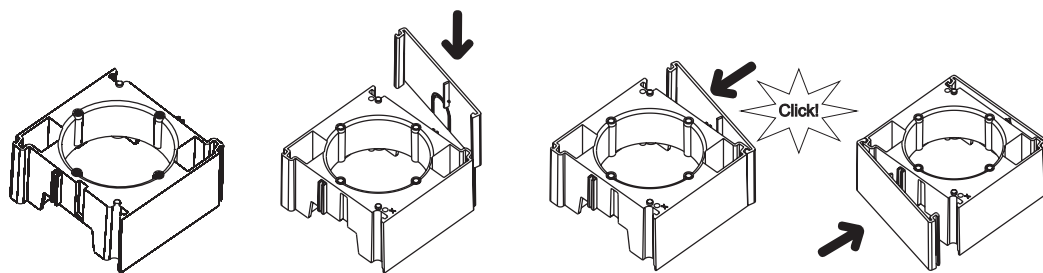


Technical information

Surface-mounted boxes

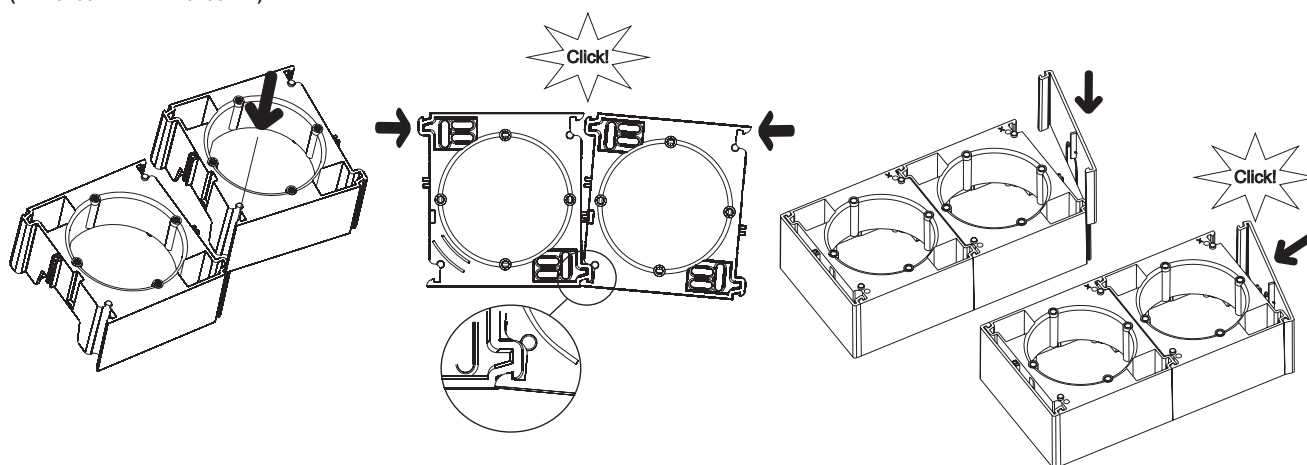
1 gang mounting

(EPH61001xx)

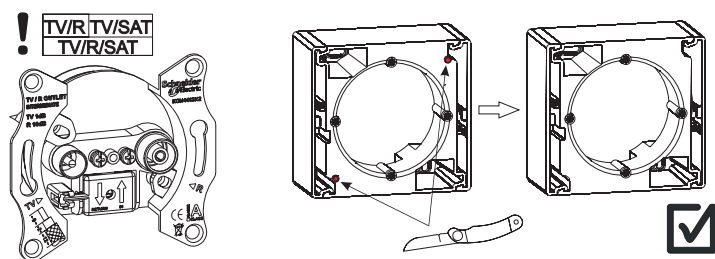


Multi-gang mounting

(EPH61001xx + EPH61002xx)

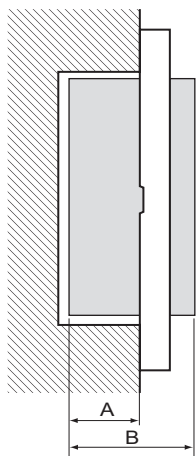


Mounting with TV/R, TV/SAT, TV/R/SAT outlets



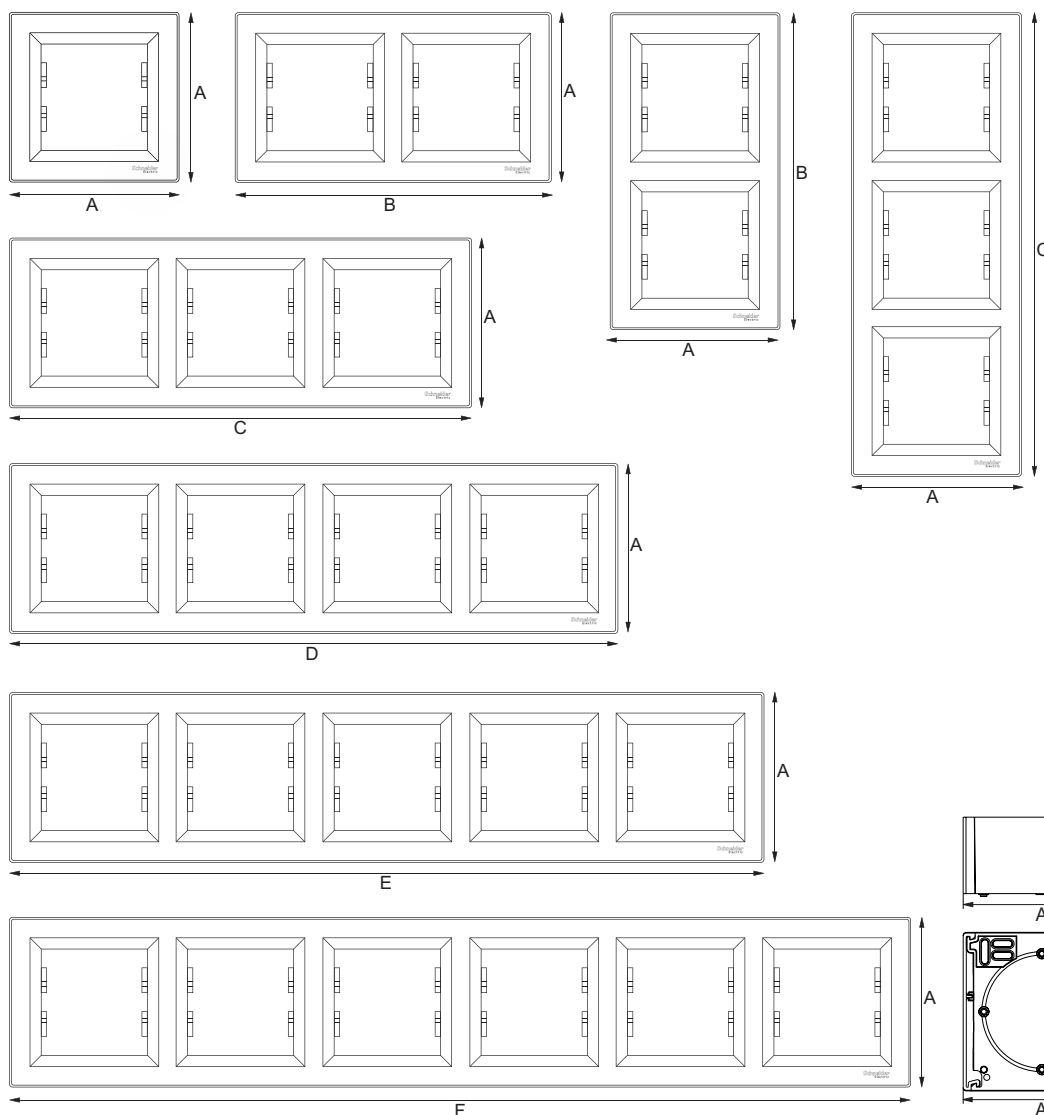
Technical information

Dimensions



A: Embedding depth
B: Depth

Ref.	A (mm)	B (mm)	Ref.	A (mm)	B (mm)	Ref.	A (mm)	B (mm)	Ref.	A (mm)	B (mm)
EPH01001xx	28	43	EPH13001xx	28	43	EPH29005xx	32	42	EPH41001xx	29	38
EPH01002xx	28	43	EPH13003xx	28	43	EPH30001xx	32	42	EPH42001xx	29	38
EPH01003xx	28	43	EPH13005xx	28	43	EPH31001xx	32	47	EPH43001xx	27	36
EPH02001xx	28	43	EPH14001xx	28	43	EPH31003xx	32	42	EPH44001xx	27	36
EPH02003xx	28	43	EPH14003xx	28	43	EPH32001xx	28	38	EPH47001xx	27	36
EPH03001xx	28	43	EPH14303xx	28	43	EPH32002xx	28	38	EPH48001xx	27	36
EPH03003xx	28	43	EPH15001xx	28	43	EPH32003xx	28	38	EPH49001xx	27	36
EPH04001xx	28	43	EPH15003xx	28	43	EPH33001xx	28	38	EPH50001xx	39	48
EPH04003xx	28	43	EPH16001xx	28	43	EPH33002xx	28	38	EPH56001xx	26	35
EPH04004xx	28	43	EPH16003xx	28	43	EPH33003xx	28	38	EPH57001xx	26	43
EPH05001xx	28	43	EPH17001xx	28	43	EPH34001xx	29	42	EPH62001xx	29	52
EPH05003xx	28	43	EPH17003xx	28	43	EPH34002xx	29	42	EPH63001xx	29	52
EPH06001xx	28	43	EPH18001xx	28	43	EPH34003xx	29	42	EPH680012x	29	48
EPH06003xx	28	43	EPH19003xx	28	43	EPH34004xx	29	42	EPH680112x	29	48
EPH07001xx	28	43	EPH28001xx	32	42	EPH35001xx	29	42	EPH97001xx	23	46
EPH08001xx	28	43	EPH28002xx	32	42	EPH35002xx	29	42	EPH97002xx	23	46
EPH08003xx	28	43	EPH28003xx	32	48	EPH35003xx	29	42	EPH98001xx	23	46
EPH09001xx	28	43	EPH28004xx	32	42	EPH36001xx	29	42	EPH98002xx	23	46
EPH11001xx	28	43	EPH29001xx	32	42	EPH37001xx	29	42	EPH99001xx	23	46
EPH11003xx	28	43	EPH29002xx	32	42	EPH37002xx	29	42			



Horizontal and vertical frames (mm)

1 gang	2 gang	3 gang	4 gang	5 gang	6 gang
A	B	C	D	E	F
83	154	225	296	367	439

Surface-mounted boxes (mm)

Surface Mounted Boxes (mm)				
1 gang		Extension		
A	B	A	B	C
82	40	82	40	78

Reference numbers

Overview

Ref.	Page	Ref.	Page	Ref.	Page	Ref.	Page
EPH0100121	10	EPH0400121	10	EPH0700123	12	EPH1300321	13
EPH0100123	10	EPH0400123	10	EPH0700161	12	EPH1300323	13
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EPH0100171	10	EPH0400171	10	EPH0770121	12	EPH1300371	13
EPH0100221	10	EPH0400321	10	EPH0770123	12	EPH1300521	11
EPH0100223	10	EPH0400323	10	EPH0800121	12	EPH1300523	11
EPH0100261	10	EPH0400361	10	EPH0800123	12	EPH1300561	11
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EPH0100269	10	EPH0400369	10	EPH0800162	12	EPH1300569	11
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EPH0170121	10	EPH0470121	10	EPH0800371	12	EPH1400161	11
EPH0170123	10	EPH0470123	10	EPH0870121	12	EPH1400162	11
EPH0200121	10	EPH0500121	10	EPH0870123	12	EPH1400169	11
EPH0200123	10	EPH0500123	10	EPH0900121	12	EPH1400171	11
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EPH0370123	10	EPH0670123	10	EPH1300169	13	EPH1570121	11
		EPH0700121	12	EPH1300171	13	EPH1570123	11

Reference numbers

Overview

Ref.	Page
EPH1600121	13
EPH1600123	13
EPH1600161	13
EPH1600162	13
EPH1600169	13
EPH1600171	13
EPH1600321	13
EPH1600323	13
EPH1600361	13
EPH1600362	13
EPH1600369	13
EPH1600371	13
EPH1601521	13
EPH1670123	13
EPH1700121	13
EPH1700123	13
EPH1700161	13
EPH1700162	13
EPH1700169	13
EPH1700171	13
EPH1700321	13
EPH1700323	13
EPH1700361	13
EPH1700362	13
EPH1700369	13
EPH1700371	13
EPH1770121	13
EPH1770123	13
EPH1800121	13
EPH1800123	13
EPH1800161	13
EPH1800162	13
EPH1800169	13
EPH1800171	13
EPH1870121	13
EPH1900121	13
EPH1900123	13
EPH1900161	13
EPH1900162	13
EPH1900169	13
EPH1900171	13
EPH1900321	13
EPH1900323	13
EPH1900361	13
EPH1900362	13
EPH1900369	13
EPH1900371	13
EPH2100121	10
EPH2100123	10

Ref.	Page
EPH2100161	10
EPH2100162	10
EPH2100169	10
EPH2100171	10
EPH2170121	10
EPH2170123	10
EPH2700221	18
EPH2700223	18
EPH2700261	18
EPH2700262	18
EPH2700269	18
EPH2700271	18
EPH2700321	18
EPH2700323	18
EPH2700361	18
EPH2700362	18
EPH2700369	18
EPH2700371	18
EPH2700421	18
EPH2700471	18
EPH2800121	14
EPH2800123	14
EPH2800161	14
EPH2800162	14
EPH2800169	14
EPH2800171	14
EPH2800221	14
EPH2800223	14
EPH2800261	14
EPH2800262	14
EPH2800269	14
EPH2800271	14
EPH2800321	14
EPH2800323	14
EPH2800361	14
EPH2800362	14
EPH2800369	14
EPH2800371	14
EPH2800421	14
EPH2800423	14
EPH2800621	14
EPH2800623	14
EPH2800661	14
EPH2800662	14
EPH2800669	14
EPH2800671	14
EPH2870121	14
EPH2870123	14
EPH2870442	14

Ref.	Page
EPH2900121	15
EPH2900123	15
EPH2900161	15
EPH2900162	15
EPH2900169	15
EPH2900171	15
EPH2900221	15
EPH2900223	15
EPH2900261	15
EPH2900262	15
EPH2900269	15
EPH2900271	15
EPH2900521	15
EPH2900523	15
EPH2970121	15
EPH2970123	15
EPH2970221	15
EPH2970223	15
EPH3000121	14
EPH3000123	14
EPH3000161	14
EPH3000162	14
EPH3000169	14
EPH3000171	14
EPH3100121	15
EPH3100123	15
EPH3100161	15
EPH3100162	15
EPH3100169	15
EPH3100171	15
EPH3100321	15
EPH3100323	15
EPH3100361	15
EPH3100362	15
EPH3100369	15
EPH3100371	15
EPH3170121	15
EPH3170123	15
EPH3200121	16
EPH3200123	16
EPH3200161	16
EPH3200162	16
EPH3200169	16
EPH3200171	16
EPH3200221	16
EPH3200223	16
EPH3200261	16
EPH3200262	16
EPH3200269	16

Ref.	Page
EPH3200271	16
EPH3200321	16
EPH3200323	16
EPH3200361	16
EPH3200362	16
EPH3200369	16
EPH3200371	16
EPH3270121	16
EPH3270123	16
EPH3270321	16
EPH3270323	16
EPH3300121	16
EPH3300123	16
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EPH3400261	16
EPH3400262	16
EPH3400269	16
EPH3400271	16
EPH3400321	16
EPH3400323	16
EPH3400361	16
EPH3400362	16
EPH3400369	16
EPH3400371	16

Reference numbers

Overview

Ref.	Page	Ref.	Page	Ref.	Page	Ref.	Page
EPH3400421	16	EPH3770123	16	EPH4900121	17	EPH5800223	19
EPH3400423	16	EPH4100121	17	EPH4900123	17	EPH5800261	19
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EPH3500321	16	EPH4300171	17	EPH5500161	15	EPH5800571	19
EPH3500323	16	EPH4370121	17	EPH5500162	15	EPH5800621	19
EPH3500361	16	EPH4370123	17	EPH5500169	15	EPH5800623	19
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EPH3600121	16	EPH4400162	17	EPH5600161	19	EPH5800671	19
EPH3600123	16	EPH4400169	17	EPH5600162	19	EPH5810221	19
EPH3600161	16	EPH4400171	17	EPH5600169	19	EPH5810223	19
EPH3600162	16	EPH4470121	17	EPH5600171	19	EPH5810261	19
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EPH3670121	16	EPH4700123	17	EPH5700121	17	EPH5810271	19
EPH3670123	16	EPH4700161	17	EPH5700123	17	EPH5810321	19
EPH3700121	16	EPH4700162	17	EPH5700161	17	EPH5810323	19
EPH3700123	16	EPH4700169	17	EPH5700162	17	EPH5810361	19
EPH3700161	16	EPH4700171	17	EPH5700169	17	EPH5810362	19
EPH3700162	16	EPH4770121	17	EPH5700171	17	EPH5810369	19
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EPH3700269	16	EPH4800171	17	EPH5800169	19	EPH6100171	19
EPH3700271	16	EPH4870121	17	EPH5800171	19	EPH6100221	19
EPH3770121	16	EPH4870123	17	EPH5800221	19	EPH6100223	19

Reference numbers

Overview

Ref.	Page	Ref.	Page
EPH6100261	19	EPH9900171	15
EPH6100262	19		
EPH6100269	19		
EPH6100271	19		
EPH6200121	11		
EPH6200123	11		
EPH6200161	11		
EPH6200162	11		
EPH6200169	11		
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EPH6270121	11		
EPH6270123	11		
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EPH9810261	14		
EPH9810262	14		
EPH9810269	14		
EPH9810271	14		
EPH9900121	15		
EPH9900123	15		
EPH9900161	15		
EPH9900162	15		
EPH9900169	15		

Notes



Green Premium™

An industry leading portfolio of offers delivering sustainable value



More than 75% of our product sales offer superior transparency on the material content, regulatory information and environmental impact of our products:

- RoHS compliance
- REACH substance information
- Industry leading # of PEP's*
- Circularity instructions



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The Green Premium program stands for our commitment to deliver customer valued sustainable performance. It has been upgraded with recognized environmental claims and extended to cover all offers including Products, Services and Solutions.

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Green Premium brings improved resource efficiency throughout an asset's lifecycle. This includes efficient use of energy and natural resources, along with the minimization of CO₂ emissions.

Cost of ownership optimization through... Circular Performance

We're helping our customers optimize the total cost of ownership of their assets. To do this, we provide IoT-enabled solutions, as well as upgrade, repair, retrofit, and remanufacture services.

Peace of mind through... Well-being Performance

Green Premium products are RoHS and REACH compliant. We're going beyond regulatory compliance with step-by-step substitution of certain materials and substances from our products.

Improved sales through... Differentiation

Green Premium delivers strong value propositions through third-party labels and services. By collaborating with third-party organizations we can support our customers in meeting their sustainability goals such as green building certifications.

*PEP: Product Environmental Profile (i.e. Environmental Product Declaration)



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