

CYB

Outlet & switches
with accessories

CYB outlets and switches

Presentation



Description

Service content type CYB is a system intended for front F80 mounting in service carriers such as perimeter trunking, service poles and posts, service boxes and floor outlet boxes. A choice of products is also available for mounting on recessed c/c 60 mm boxes.

This product document includes socket outlets and switches, as well as accessories like indicating lamps, junction boxes, terminal blocks.

F80 mounting without box

The master and slave socket outlets are mounted without box. This system consists of a triple master outlet, which can be extended with any number of double slave outlets. The combination is ended by an end piece, which is easily pushed in between the side of the outlet and the front cover.

Marking, termination and strain relief are done on the master socket outlet.

Technical data

Electrical data	16 A / 250 V.
Standards	
Connection kit, switch	SS-EN 60669-1
Connection kit, outlet, with overvoltage protector	DIN VDE 0675 Part 6 Class C
Connection kit, outlet	IEC 884-1, DIN 0606
Approvals	
Connection kit, outlet	SEMKO, NEMKO, FIMKO, VDE and KEMA
Connection kit, outlet without child protection	SEMKO, KEMA, VDE
Connection kit, outlet, with overvoltage protector	SEMKO, VDE

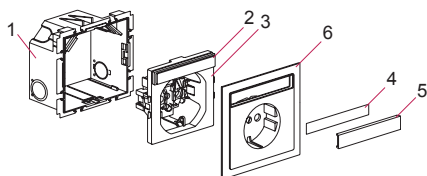
Material data

Material PC/ABS	Density	1.14 g/cm ³
	Water absorption	0.6%
	Volume resistivity	>10 ¹³ Ω cm
	Dielectric strength	19 kV/mm
	Fire rating	UL 94 HB (halogen-free)
Material PA6/ABS	Density	1.12 g/cm ³
	Water absorption	0.9%
	Volume resistivity	10 ¹⁴ Ω cm
	Fire rating	UL 94 HB (halogen-free)
Material PA	Density	1.35 g/cm ³
	Water absorption	1.7%
	Fire rating	UL 94 HB (halogen-free)
Material PA6, 30% glass-fibre	Density	1.35 g/cm ³
	Water absorption	1.7%
	Fire rating	UL 94 HB (halogen-free)
Material PA6, 15% glass-fibre	Density	1.24 g/cm ³
	Water absorption	2.0%
	Volume resistivity	>10 ¹⁴ Ω cm
	Dielectric strength	65 kV/mm
Material ASA	Density	1.07 g/cm ³
	Water absorption	0.45%
	Fire rating	UL 94 HB (halogen-free)
Material ABS DH / AS	Density	1.05 g/cm ³
	Fire rating	UL 94 HB (1.7 mm)
Material PMMA N8	Density	1.19 g/cm ³
	Linear expansion	80x10 ⁻⁶ m/m°C
	Water absorption	0.3%
	Volume resistivity	>10 ¹⁵ Ω cm
	Dielectric strength	30 kV/mm (DIN 53481)
	Fire rating	UL 94 HB

Colour spec.

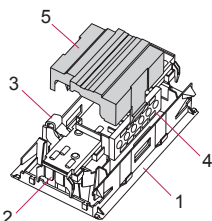
White NCS	= NCS 0701-G46Y	≈ RAL 9016
White RAL 9010	= NCS 0502-Y14R	≈ RAL 9010
White RAL 1013		= RAL 1013
Light grey	= NCS 1902-Y24R	
Greyish-black	= NCS 7603-R74B	
Black		= RAL 9005
Red	= NCS 3754-Y97R	≈ RAL 3003
Orange		≈ RAL 2003
Green		≈ RAL 6029
Aluminium metallic		

Exploded views



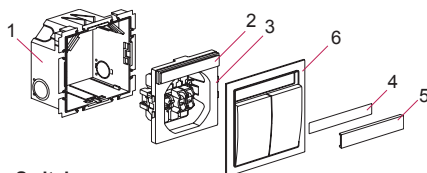
Outlet, single, with box

1. Box with strain relief devices
2. Label holder
3. Adaptor
4. Label
5. Label window
6. Cover



Master outlet without box

1. Socket outlet
2. Termination for double slave socket outlet
3. Strain relief
4. Terminal block
5. Cover over termination parts



Switch

1. Box with strain relief devices
2. Label holder
3. Adaptor
4. Label
5. Label window
6. Cover with rocker

Operative data

Temperature range	From -20°C to +40°C
Suitable outdoors	No
Degree of protection	IP20

Mounting instructions

















Mounting instructions are enclosed with the product. They are also available on PI@net.

Connection kit, single	20002500
CYB-AD1	MI 2257
CYB-PB on TED	20017802
CYB-PF	20002995
CYB-PS single on TED	20017191
CYB-PS master/slave	20045620
- overv. prot. TN, term.guid	20046238
- overv. prot. IT, term.guid	20046239

Product Environmental Facts

Product Environmental Fact files are available on PI@net.







CYB connection kits, master outlet

Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
Triple master socket outlet, push-in						
Triple connection kit including socket/cover plate (in one piece) with earthing system, two strain relief devices, push-in terminal block and label window with label. Also including cover to be fitted over the termination, and end piece that snap-fits on either side of the outlet. Shuttered. Hole pattern 37°. Green, orange and red for priority power supply. To be combined with double slave socket outlets. Material: PC/ABS.						37° 
CYB-PS	White NCS	84/50/142		1	7315885940116	5940 110
	White RAL 9010				7315880103288	5940 111
	White RAL 1013				7315880103295	5940 112
	Black				7315880107255	5940 114
	Alu metallic				7315880107279	5940 113
	Green				7332418021326	5951 677
	Orange				7332418021333	5951 678
Red	7332418021340	5951 679				
CYB-PS	White NCS	84/50/142		1	7315885940178	5940 175
Big-pack (packed in a set including 45 pcs)						
CYB-PS Marked DATA	White NCS	84/50/142		1	7315885940154	5940 150
	White RAL 9010				7315880107293	5940 151
	White RAL 1013				7315880107309	5940 152
Alu metallic	7315880107316	5940 153				
CYB-PS With green LED indication	White NCS	84/50/142		1	7315885940253	5940 250
	White RAL 9010				7315880108641	5940 251
	White RAL 1013				7315880108658	5940 252
	Alu metallic				7315880108665	5940 253
Triple master socket outlet, screw						
Triple connection kit including socket/cover plate (in one piece) with earthing system, two strain relief devices, screw terminal block and label window with label. Also including cover to be fitted over the termination, and end piece that snap-fits on either side of the outlet. Shuttered. Hole pattern 37°. To be combined with double slave socket outlets. Material: PC/ABS.						37° 
CYB-PS	White NCS	84/50/142		1	7332418017299	5941 500
	Alu metallic				7332418017305	5941 505
CYB-PS Marked DATA	White NCS	84/50/142		1	7332418017329	5941 515
	Alu metallic				7332418017336	5941 520
CYB-PS With green LED indication	White NCS	84/50/142		1	7332418017343	5941 525
	Alu metallic				7332418017350	5941 530
Triple master socket outlet, push-in, without label window						
Triple connection kit including socket/cover plate (in one piece) with earthing system, two strain relief devices and push-in terminal block. Also including cover to be fitted over the termination, and end piece that snap-fits on either side of the outlet. Shuttered. Hole pattern 37°. To be combined with double slave socket outlets. Material: PC/ABS.						37° 
CYB-PS	White RAL 9010	84/50/142		1	7332418016902	5940 310
	White RAL 1013				7332418016919	5940 311
	Alu metallic				7332418016926	5940 312
Triple master socket outlet, push-in, with overvoltage protection for TN mains						
Triple connection kit including socket/cover plate (in one piece) with earthing system, two strain relief devices, push-in terminal block and label window with label. Also including cover to be fitted over the termination, and end piece that snap-fits on either side of the outlet. With overvoltage protector TN-C and TN-S with LED indication for mains type TN. Green light indicates normal operation and red light indicates overload. Shuttered. Hole pattern 37°. To be combined with double slave socket outlets. Material: PC/ABS.						37° 
CYB-PS	White NCS	84/50/142		1	7315885940307	5940 300
	Alu metallic				7315880108634	5940 303
Triple master socket outlet, screw, with overvoltage protection for TN mains						
Triple connection kit including socket/cover plate (in one piece) with earthing system, two strain relief devices, screw terminal block and label window with label. Also including cover to be fitted over the termination, and end piece that snap-fits on either side of the outlet. With overvoltage protector TN-C and TN-S with LED indication for mains type TN. Green light indicates normal operation and red light indicates overload. Shuttered. Hole pattern 37°. To be combined with double slave socket outlets. Material: PC/ABS.						37° 
CYB-PS	White NCS	84/50/142		1	7332418017381	5941 545
	Alu metallic				7332418017374	5941 540

CYB connection kits, master outlet

Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
Triple master socket outlet, push-in, with overvoltage protection for IT mains						
Triple connection kit including socket/cover plate (in one piece) with earthing system, two strain relief devices, push-in terminal block and label window with label. Also including cover to be fitted over the termination, and end piece that snap-fits on either side of the outlet. With overvoltage protector IT-C with LED indication for mains type IT. Green light indicates normal operation and red light indicates overload. Shuttered. Hole pattern 37°. To be combined with double slave socket outlets. Material: PC/ABS.						37°
	CYB-PS For IT mains	White RAL 9010	84/50/142	1	7315880109419	5940 305
Triple master socket outlet, screw, with overvoltage protection for IT mains						
Triple connection kit including socket/cover plate (in one piece) with earthing system, two strain relief devices, screw terminal block and label window with label. Also including cover to be fitted over the termination, and end piece that snap-fits on either side of the outlet. With overvoltage protector IT-C with LED indication for mains type IT. Green light indicates normal operation and red light indicates overload. Shuttered. Hole pattern 37°. To be combined with double slave socket outlets. Material: PC/ABS.						37°
	CYB-PS	White NCS	84/50/142	1	7332418017367	5941 535
Triple master socket outlet, push-in, with installation couplers						
Triple connection kit including socket/cover plate (in one piece) with earthing system, two strain relief devices, push-in terminal block and label window with label. Also including cover to be fitted over the termination, and end piece that snap-fits on either side of the outlet. With two halogen-free cables (30 cm free length), and 3x2.5 mm ² wire and male and female installation couplers. Child protection. Hole pattern 37°. To be combined with double slave socket outlets. Material: PC/ABS.						37°
	CYB-PS With Wieland cables	White NCS White RAL 9010 White RAL 1013	84/50/142	1	7315885940208 7315880107323 7315880114048	5940 200 5940 201 5940 202
	CYB-PS With Wago cables	White NCS	84/50/142	1	7315885940215	5940 210
	CYB-PS With Ensto cables	White NCS White RAL 9010	84/50/142	1	7315885940222 7315880107347	5940 220 5940 221
Triple master socket outlet, push-in, with installation couplers						
Triple connection kit including socket/cover plate (in one piece) with earthing system, two strain relief devices and push-in terminal block (without label window). Also including cover to be fitted over the termination, and end piece that snap-fits on either side of the outlet. With two halogen-free Wieland cables (110 cm free length) with 3x2.5 mm ² wire and male and female installation couplers. Child protection. Hole pattern 37°. To be combined with double slave socket outlets. Material: PC/ABS.						37°
	CYB-PS	White RAL 9010 White RAL 1013	84/50/142	1	3606480523540 3606480523557	INS69000 INS69001







CYB connection kits, slave outlet

Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
Double slave socket outlet						
Double slave socket outlet to be plugged into the master or another slave socket outlet. Including end piece that snap-fits on either side of the outlet. Shuttered. Hole pattern 37°. Material: PC/ABS.						37°
	CYB-PS	White NCS	84/39/94	1	7315885940017	5940 010
		White RAL 9010			7315880103264	5940 011
		White RAL 1013			7315880103271	5940 012
		Black			7315880107262	5940 014
		Alu metallic			7315880107286	5940 013
CYB-PS	White NCS	84/39/94		1	7315885940079	5940 075
Big-pack (packed in a set including 45 pcs)						
CYB-PS	White NCS	84/39/94		1	7332418015257	5940 015
Marked DATA	Alu metallic				7332418015288	5940 018
Double slave socket outlet, kitwith push-in adaptor						
Double slave socket outlet including an end piece with label window that snap-fits on one side of the outlet and a CYB-AC adaptor with push-in termination on the other side. The adaptor includes a protective cover that is fitted under the front cover of trunking, poles, etc., and two snap-in function strain relief devices. Allows one incoming and one outgoing cable, max 3x2.5 mm ² . To be plugged into another slave socket outlet. Shuttered. Hole pattern 37°. Material: PC/ABS.						37°
	CYB-PS	White NCS	84/39/160	1	7332418019897	5940 044
		White RAL 1013			7332418015479	5940 021
		White RAL 9010			7332418015462	5940 022
		Alu metallic			7332418015486	5940 023
CYB-PS	White NCS	84/39/160		1	7332418021302	5951 515
Marked DATA						
Double slave socket outlet, kitwith screw adaptor						
Double slave socket outlet including an end piece with label window that snap-fits on one side of the outlet and a CYB-AC adaptor with screw termination on the other side. The adaptor includes a protective cover that is fitted under the front cover of trunking, poles, etc., and two snap-in function strain relief devices. Allows one incoming and one outgoing cable, max 3x2.5 mm ² . To be plugged into another slave socket outlet. Shuttered. Hole pattern 37°. Material: PC/ABS.						37°
	CYB-PS	White NCS	84/39/160	1	7332418019903	5941 216
		Alu metallic			7332418017404	5941 205
	CYB-PS	White NCS	84/39/160	1	7332418021319	5951 516
Marked DATA						
Double slave socket outlet, including an end piece that snap-fits on one side of the outlet, and a CYB-AD adaptor on the other side. The adaptor includes screw terminal block, protective cover with label window, and two snap-in function strain relief devices. Allows one incoming and one outgoing cable, max 3x2.5 mm². To be plugged into another slave socket outlet. Shuttered. Hole pattern 37°. Material: PC/ABS.						
CYB-PS	White NCS	84/39/125		1	7332418017398	5941 200
Double slave socket outlet, kitwith push-in adaptor						
Double slave socket outlet including two end pieces that snap-fit on either side of the outlet and a CYB-AC adaptor with push-in termination on one side. The adaptor includes a protective cover that is fitted under the front cover of trunking, poles, etc., and two snap-in function strain relief devices. Allows one incoming and one outgoing cable, max 3x2.5 mm ² . To be plugged into another slave socket outlet. Shuttered. Hole pattern 37°. Material: PC/ABS.						37°
	CYB-PS	White NCS	84/39/145	1	7332418021289	5951 513
		White RAL 1013			7332418021265	5951 511
		White RAL 9010			7332418021272	5951 512
		Alu metallic			7332418021296	5951 514
Double slave socket outlet, kit with Wieland adaptor						
Double slave socket outlet including an end piece that snap-fits on one side of the outlet, and CYB-AD adaptor for Wieland 3-pole male interface GST-18 on the other side. The adaptor includes protective cover with label window. To be plugged into another slave socket outlet. Shuttered. Hole pattern 37°. Material: PC/ABS, PA6.						37°
	CYB-PS	White NCS	84/39/140	1	7332418015295	5940 025
		Alu metallic			7332418015325	5940 028



CYB connection kits, slave outlet

Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
Double slave socket outlet, pre-wired kit with Wieland installation couplers						
Double slave socket outlet including CYB-ET earth terminal, CYB-AD adaptor with push-in terminal block and protective cover with label window, and end piece that snap-fits on one side of the outlet. Pre-wired with connection cable type H05VV-F3G including male and female Wieland installation couplers. Cable length 2x1.4 m. To be plugged into another slave socket outlet. Shuttered. Hole pattern 37°. Material: PC/ABS.						37°
	CYB-PS	White NCS	84/39/125	1	7332418015332	5940 030
	1.5 mm ² cable	White RAL 9010			7332418015349	5940 031
		White RAL 1013			7332418015356	5940 032
		Alu metallic			7332418015363	5940 033
	CYB-PS	White NCS	84/39/125	1	7332418015370	5940 035
	2.5 mm ² cable	White RAL 9010			7332418015387	5940 036
		White RAL 1013			7332418015394	5940 037
		Alu metallic			7332418015400	5940 038
Double slave socket outlet, pre-wired kit with Wieland installation couplers						
Double slave socket outlet including end pieces without label window that snap-fit on either side of the outlet and a CYB-AC adaptor with push-in termination on one side. The adaptor includes a protective cover that is fitted under the front cover of trunking, poles, etc., and two snap-in function strain relief devices. Pre-wired with two Wieland cables 1.1 m including male and female Wieland installation couplers. Cable length 2x1.4 m. To be plugged into another slave socket outlet. Shuttered. Hole pattern 37°. Material: PC/ABS.						37°
	CYB-PS	White RAL 9010	84/39/145	1	3606480523564	INS69020
		White RAL 1013			3606480523571	INS69021
2 x double slave socket outlet, kit with push-in adaptor						
A combination of two double slave socket outlets with an end piece with label window that snap-fits on one side of the combination and a CYB-AC adaptor with push-in termination on the other side. The adaptor includes a protective cover that is fitted under the front cover of trunking, poles, etc., and two snap-in function strain relief devices. Allows one incoming and one outgoing cable, max. 3x2.5 mm ² . To be plugged into another slave socket outlet. Shuttered. Hole pattern 37°. Material: PC/ABS.						37°
	CYB-PS	White NCS	84/39/250	1	7332418015417	5940 040
		White RAL 9010			7332418015424	5940 041
		White RAL 1013			7332418015431	5940 042
		Alu metallic			7332418015448	5940 043
2 x double slave socket outlet, kit with screw adaptor						
A combination of two double slave socket outlets with an end piece with label window that snap-fits on one side of the combination and a CYB-AC adaptor with screw termination on the other side. The adaptor includes a protective cover that is fitted under the front cover of trunking, poles, etc., and two snap-in function strain relief devices. Allows one incoming and one outgoing cable, max. 3x2.5 mm ² . To be plugged into another slave socket outlet. Shuttered. Hole pattern 37°. Material: PC/ABS.						37°
	CYB-PS	White NCS	84/39/250	1	7332418017411	5941 210
		Alu metallic			7332418017428	5941 215
CYB accessories, master & slave outlet						
Adaptors						
Adaptor including terminal block and protective cover with label window. With two snap-in function strain relief devices. Allows one incoming and one outgoing cable, max. 3x2.5 mm ² . To be used in combination with CYB-PS double slave socket outlet. Material: PC/ABS.						
	CYB-AD	White NCS	84/41/37	1	7315885940055	5940 050
	Push-in terminal block	White RAL 9010			7315880113478	5940 051
		White RAL 1013			7315880113485	5940 052
		Alu metallic			7315880113492	5940 053
	CYB-AD	White NCS	84/41/37	1	7315880114857	5940 055
	Screw type terminal block	White RAL 9010			7315880114864	5940 056
		White RAL 1013			7315880114871	5940 057
		Alu metallic			7315880114888	5940 058
Adaptors to be fitted under the front cover						
Adaptor including terminal block and protective cover to be fitted under the front cover of trunking, poles, etc. With two snap-in function strain relief devices. Allows one incoming and one outgoing cable, max. 3x2.5 mm ² . Suitable for CYB-PS double slave socket outlet Material: PC/ABS, PP.						
	CYB-AC	White	71/35/59	1	7332418017077	5940 054
	Push-in terminal block					


CYB accessories, master & slave outlet









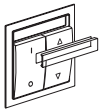


Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.	
Adaptors Wieland							
Adaptor for Wieland 3-pole male interface GST-18, with protective cover with label window. To be used in combination with CYB-PS double slave socket outlet. Material: PC/ABS.							
P85702 	CYB-AD	White NCS White RAL 9010 Alu metallic	84/59/37	1	7315885940062 7315880113508 7315880113522	5940 060 5940 061 5940 063	
	Adaptor for Wieland 3-pole male interface GST-18 without cover. To be used in combination with CYB-PS double slave socket outlet. Material: PA6.						
	CYB-AD	—	55/59/34	1	7315880114895	5940 065	
Earth terminal							
Earth terminal including a 25 cm cable with flat pin connector for earth connection of trunking base or cover. Suitable for triple master and double slave outlet CYB-PS. Material: PA6.							
P83656 	CYB-ET	—	41/23	10	7315880113539	5961 502	
Blank cover							
Blank cover to be used in combination with master socket outlet CYB-PS. To be exchanged for double slave socket outlet when required. Material: PC/ABS.							
P88854 	CYB-PL	White NCS White RAL 9010 White RAL 1013 Alu metallic	84/28/87	1	7315880112617 7315885961562 7315880112624 7315880112600	5961 559 5961 560 5961 561 5961 558	
End piece							
End piece intended for CYB-PS master and slave socket outlets. Snap-fits on either side of the outlet and locks the outlet in the trunking. Material: PC/ABS.							
P88855 	CYB-ES	White NCS White RAL 9010 White RAL 1013 Alu metallic	84/20.1/7	10	7315885940406 7315880114017 7315880114000 7315880114024	5940 400 5940 401 5940 402 5940 403	
End piece with label window							
End piece with label window intended for CYB-PS slave socket outlets. Snap-fits on either side of the outlet. Material: PC/ABS.							
P111574 	CYB-ESW	White NCS White RAL 9010 White RAL 1013 Alu metallic	84/20/20	1	7332418019910 7332418019927 7332418019934 7332418019941	5940 410 5940 411 5940 412 5940 413	

CYB connection kits, outlet

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Double connection kit, outlet					
Double connection kit, French standard. Intended for Belgium, Poland and France. Including socket with earthing system, box, adaptor, two strain relief devices and cover. Shuttered, screw termination. With loop terminal. Hole pattern 0/180°. Material: PC/ABS.					French 
CYB-PF	White NCS	84/45/110	1	7315885969216	5969 210
Single connection kit, outlet					
Single connection kit including socket with earthing system, box, adaptor, two strain relief devices, cover and label with label window. Shuttered, push-in termination. Hole pattern 90°. Material: PC/ABS, PA.					90° 
CYB-PS	White NCS White RAL 9010 Alu metallic White RAL 1013	84/52/84	1	7315885975002 7315880072805 7315880079088 7315880083702	5975 000 5975 001 5975 002 5975 003
Triple connection kit, outlet, European standard					
Triple connection kit acc. to European standard, Class II, including socket, box, adaptor, two strain relief devices, cover and label with label window. Shuttered, with screw termination. Material: PC/ABS.					
CYB-PE	White NCS Alu metallic	84/46/84	1	7315885975507 7315880108221	5975 500 5975 502
Connection kit, CEE outlet					
Connection kit including single phase CEE outlet (Bals), installation box with strain relief devices, frame with label window and four screws. Material: PC.					
CYB-PC	White/red	82/110/82	1	7315880060543	5960 105

CYB device kits, outlet/switch

Device kit, outlet					
Single device kit including socket with earthing system, box, adaptor and two strain relief devices. With push-in termination. Hole pattern 90°. To be combined with front cover kit. Material: PC/ABS, PA.					90° 
CYB-PS	White NCS	80/50/84	1	7315885975101	5975 100
Device kit, CEE outlet					
Device kit including single phase CEE outlet (Bals) and frame with label window. To be screw-fastened on box MIB-A1 by four included screws. To be combined with front cover kit. Material: PC.					
CYB-C220	Grey/blue	82/70/82	1	7315885960114	5960 110
CEE-216-6 250V/16A					
CYB-C380	Grey/red	82/70/82	1	7315885960107	5960 100
CEE-416-6 440V/16A					
Device kit, switch					
Switch device kit including box, switch insert, adaptor and two strain relief devices. Switch-on position upwards. 250V 16A. To be combined with front cover kit. Material: PC/ABS, PA.					
CYB-PB	White	80/50/84	1	7315880074489	5980 211
1-pole with indicating lamp 0.9 mA					
CYB-PB	White	80/50/84	1	7315880074465	5980 201
1-pole					
CYB-PB	White	80/50/84	1	7315880074496	5980 231
2-pole					
CYB-PB	White	80/50/84	1	7315880074502	5980 251
2-way					
CYB-PB	White	80/50/84	1	7315880074472	5980 206
1-pole spring-return					
CYB-PB	White	80/50/84	1	7315880074526	5980 271
2-gang					
CYB-PB	White	80/50/84	1	7315880074533	5980 281
Venetian blind/ 1-pole switch					
CYB-PB	White	80/50/84	1	7315880074557	5980 286
Venetian blind					

CYB front cover kits. outlet/switch								
Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.		
Front cover kit, outlet								
Front cover kit, single, including shuttered cover plate and label with label window. To be mounted together with device kit or device unit. Material: PC/ABS.							90°	
 	CYB-CE	White NCS	84/27/84	1	7315885975606	5975 600		
	For device kit 5975 100							
	CYB-CE	Alu metallic	84/25/84	1	7315880102854	5975 618		
Like the above but without shutters								
	CYB-CE	Alu metallic	84/27/84	1	7315880102830	5975 613		
With overvoltage protector								
Front cover kit, switch								
Front cover kit including single or double rocker, label and label window. Switch-on position upwards or downwards, see below. To be mounted together with various device kits and units, see below. Material: PC/ABS								
	CYB-RC	White NCS	84/27/84	1	7315885980402	5980 400		
	Single rocker, for 1-pole, 1-pole spring-return, 2-way or intermediate switch							
	CYB-RC	up White NCS	84/27/84	1	7315880074366	5980 407		
	Single rocker, marked 1-0, for 2-pole switch							
	CYB-RC	White NCS	84/27/84	1	7315885980433	5980 430		
	Double rocker, for 2-gang or 2-pole/ 2-way switch							
	CYB-RC	up White NCS	84/27/84	1	7315880074427	5980 437		
	Double rocker with arrow symbols, for venetian blind switch							
	CYB-RC	up Alu metallic	84/27/84	1	7315880103998	5980 447		
	Double rocker with arrow symbols, marked 1-0, for venetian blind/1-pole switch							
Connection kit, switch, one rocker								
Switch connection kit including box, switch insert, adaptor, two strain relief devices, cover with one rocker and label with label window. Switch-on position downwards or upwards. 250V 16A. Material: PC/ABS.								
	CYB-PB	up White NCS	84/52/84	1	7315880074144	5980 002		
	1-pole							
	CYB-PB	up White NCS	84/52/84	1	7315880074168	5980 007		
1 pole spring-return								
	CYB-PB	up White NC	84/52/84	1	7315880074182	5980 012		
1-pole, red indicating lamp								
	CYB-PB	down White RAL 1013	84/52/84	1	7315880083795	5980 035		
	2-pole							
	CYB-PB	up White NCS	84/52/84	1	7315880074229	5980 032		
Alu metallic								
	CYB-PB	up Alu metallic	84/52/84	1	7315880079057	5980 034		

CYB connection kits, switch

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Connection kit, switch, one rocker					
CYB-PB 1-pole 2-way	down	White RAL 1013	84/52/84	1	7315885980044 5980 049
	up	White NCS Alu metallic	84/52/84	1	7315880074243 5980 052 7315880079064 5980 054
CYB-PB Intermediate	up	White NCS	84/52/84	1	7315880074267 5980 062
Connection kit, switch, two rockers					
Switch connection kit including box, switch insert, adaptor, two strain relief devices, cover with two rockers and label with label window. Switch-on position downwards or upwards. 250V 16A. Material: PC/ABS.					
CYB-PB 2-pole 2-way	up	White NCS	84/52/84	1	7315880074328 5980 057
CYB-PB 2-gang	up	White NCS	84/52/84	1	7315880074281 5980 072
CYB-PB Venetian blind/1-pole switch	up	White NCS	84/52/84	1	7315880074304 5980 082
CYB-PB Venetian blind	down	White RAL 9010 White RAL 1013	84/52/84	1	7315880072911 5980 086 7315885980099 5980 090
	up	White NCS Alu metallic	84/52/84	1	7315880074342 5980 087 7315880079040 5980 089

Wiring diagrams of switches

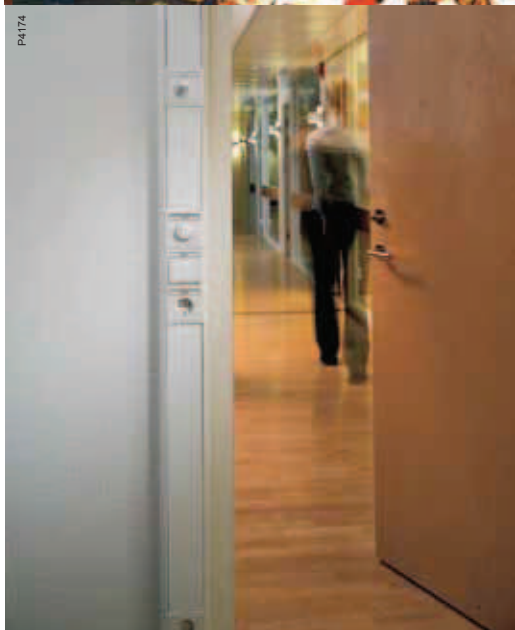
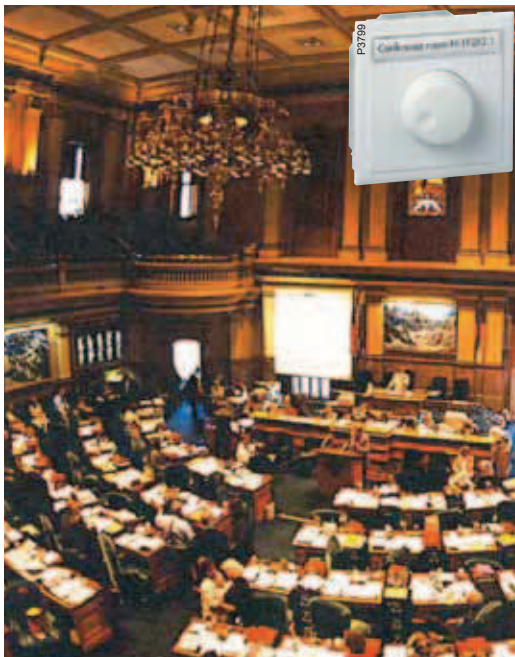
<p>D13980</p> <p>1-pole</p>	<p>D13982</p> <p>Spring-return</p>	<p>D13980</p> <p>1-pole with indication</p>	<p>D13980</p> <p>2-pole</p>	<p>D13910</p> <p>2-way</p>
<p>D13970</p> <p>Intermediate</p>	<p>D13940</p> <p>Double</p>	<p>D13980</p> <p>Venetian blind/1-pole switch</p>	<p>D13980</p> <p>2-pole 2-way</p>	<p>D13980</p> <p>Venetian blind</p>

CYB-PR/PC

Dimmers, timers,
movement detectors

CYB dimmers, speed controller

Presentation



Description

The CYB-PR range of products is made up by products with electronic functions. It includes various types of dimmer and a speed controller.

Dimmers and speed controller

- For incandescent lamps there are dimmers for 300 and 550 W. They can also control electronic transformers.
- For halogen lamps there are dimmers for electronic transformers. For electronic transformer 550 VA there is a transistor dimmer.
- For fluorescent tubes the range includes dimmers to control HF units ranging from one to ten volts input.
- The speed controllers for single-phase induction motors 60–400 VA control ducting fans, flue fans, ventilation fans, etc.

Standards & certificates

Standards	Dimmers:	EN 55014, EN 50082-1
Certificates		CE, SEMKO, NEMKO, FIMKO

Operative data

Temperature range	+5°C +35°C
Suitable outdoors	No
Degree of protection	IP20







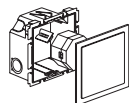
Material data

Box, Cover, Adaptor, Mounting frame, Mounting plates	Material	PC/ABS
	Density	1.14 g/cm ³
	Water absorption	0.6%
	Volume resistivity	>10 ¹³ Ω cm
	Electrical strength	19 kV/mm
	Fire rating	UL 94 HB (halogen-free)
	Colour spec.	• White NCS 0701-G46Y • White RAL 1013 • Aluminium metallic
Device unit	Material	PA6
	Density	1.19 g/cm ³
	Linear expansion	100x10 ⁻⁶ /°C
	Water absorption	2.8%
	Colour spec.	White
Window holder	Material	PC/ABS
	Density	1.20 g/cm ³
	Water absorption	0.6%
	Electrical strength	19 kV/mm
Label window	Material	PMMA
	Density	1.19 g/cm ³
	Linear expansion	80x10 ⁻⁶ /°C
	Water absorption	0.3%
	Volume resistivity	>10 ¹⁵ Ω cm
	Electrical strength	30 kV/mm (DIN 53481)
Fire rating	UL 94 HB	

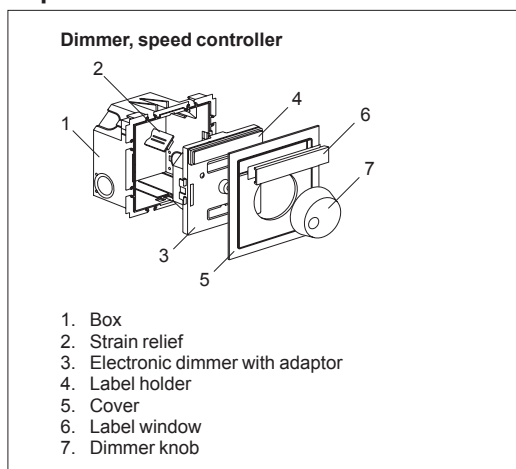
CYB dimmers, timers, movement detectors

Range

CYB-PR Dimmers, Speed controller, Power supply kit

Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
Connection kit, dimmer, 550 W and 300 W						
Dimmer 550 W (ATD600R) for incandescent lamps 20–550 W and low-voltage halogen lamps with electronic transformer 20–550 W (which must be approved and suitable for use with a dimmer). The dimmer must not be used together with conventional transformers or any other inductive load. In a traditional staircase (two-way) circuit, only one of the two-way switches can be replaced by a dimmer. The dimmer has built-in protection against short-circuits and overloading. Resets automatically. Material: PC/ABS, PMMA.						
 P3799	CYB-PR	Alu metallic	84/60/84	1	7315880079002	5985 012
For front 80 mounting						
Dimmer 300 W (ATD300R) for incandescent lamps 20–300 W and low-voltage halogen lamps with electronic transformer 20–310 W (which must be approved and suitable for use with a dimmer). The dimmer must not be used together with conventional transformers or any other inductive load. In a traditional staircase (two-way) circuit, only one of the two-way switches can be replaced by a dimmer. The dimmer has built-in protection against short-circuits and overloading. Resets automatically. Material: PC/ABS, PMMA.						
 P3799	CYB-PR	White NCS	84/60/84	1	7315885985001	5985 000
For front 80 mounting						
Connection kit, dimmer, APE10T						
Dimmer 1-10 V (APE10T) for fluorescent light fittings with controllable HF units, rating 1–10 V. 1–50 HF units can be controlled. The positive and negative poles of the dimmer must be connected to the positive and negative poles of the HF unit. Poles 1 and 2 of the switches are wired to switch the fittings on and off. The break function is rated at max. 6 A (max. 360 W fluorescent tube rating). If the load is higher, the break function can control a relay coil instead. Note that the fluorescent tubes must <u>not</u> go out at the minimum setting of the dimmer. Material: PC/ABS, PMMA.						
 P3799	CYB-PR	White NCS	84/60/84	1	7315885985025	5985 020
For front 80 mounting						
		Alu metallic			7315880078999	5985 022
Connection kit, speed controller						
Speed controller 400 VA (AD400VH) for the control of induction motors. The motor speed is controlled via the regulated phase, marked with a sine wave and an arrow. For single-phase induction motors 60–400 VA. Material: PC/ABS, PMMA.						
 P3799	CYB-PR	White NCS	84/60/84	1	7315885985049	5985 040
For front 80 mounting						
Device unit, dimmer 1-10 V						
Device unit 1-10 V (APE10T) including electronic dimmer with adaptor, to be combined with front cover kit CYB-FR1. Dimmer for fluorescent light fittings with controllable HF units, rating 1–10 V. 1–50 HF units can be controlled. The positive and negative poles of the dimmer must be connected to the positive and negative poles of the HF unit. Poles 1 and 2 of the switches are wired to switch the fittings on and off. The break function is rated at max. 6 A (max. 360 W fluorescent tube rating). If the load is higher, the break function can control a relay coil instead. Note that the fluorescent tubes must not go out at the minimum setting of the dimmer. Material: PA6.						
 P193624	CYB-PR	White	68/38/72	1	7315885985315	5985 310
Power supply kit						
Power supply kit for 4xLexCom home switch. Input 230 VAC and output 12 VDC, 0.5A. Including box with strain relief, terminal block, power supply device and cover. Material: PC/ABS.						
 P72822	CYB-PR	White NCS	84/41.2/84	1	7315885972704	5972 700

Exploded views



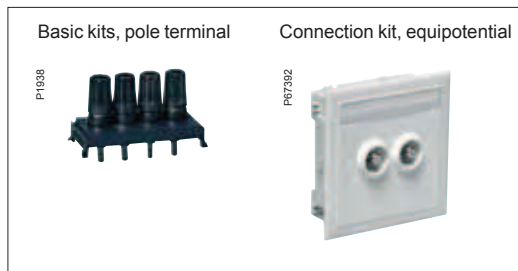
Performance

Electrical and technical data

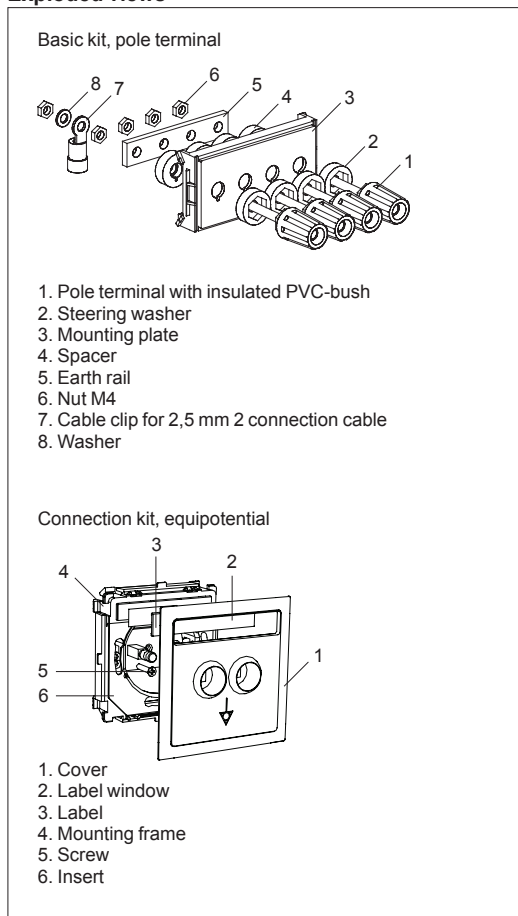
<i>Dimmer ATD300R, ATD600R</i>	Rated current:	10 A
	Rated voltage:	250 V $-10\%+6\%$ 50 Hz
	Rated power:	Filament lamps 20–300 W and 20–550 W. Electronic transformers 20–310W and 20–550W. The transformer must have been approved for control purposes. <i>NOTE! Conventional transformers or other inductive loads must not be connected to the dimmer.</i>
	Protection:	The dimmer has built-in protection against short-circuits and overloads. The protection is reset automatically.
	Switch:	Single-pole/two-way push-button switch.
	Terminals:	Screw terminal, approved for bridging. One neutral marked X.
<i>Dimmer APE10T</i>	Rated voltage:	250 V $-10\%+6\%$ 50 Hz
	Rated power:	For 1–50 HF units 1–10 V, like Philips, Osram, Siemens, Helvar. To be connected to the plus and minus terminals of the controllers. <i>NOTE! It is very important to maintain the correct polarity (+, -) throughout the installation.</i>
	Protection:	Precision 6.3 A fuse marked F (fast). A spare fuse is supplied in the fuse-holder.
	Switch:	Single-pole push-button switch, max. 6 A. <i>NOTE! A fluorescent tube load of max. 10x36 W or equivalent can be connected across the 6 A push-button switch of the HF controller. If several fittings are to be controlled by the dimmer, the recommended method is to switch them on and off via a separate switch or an intermediate relay.</i>
	Terminals:	Screw terminals, approved for bridging.
	Can control the following HF units:	<ul style="list-style-type: none"> • Philips ETC-R, e.g. ETC236R • Philips BPL-D13, e.g. BPL 155 D13 • Helvar controllable HF units – EL-AC, EL-BC and EL-HFC • Siemens EVD dynamics for 36 W and 58 W fluorescent tubes • Osram QT-DIM 1x18–2x56 W, QT-DIM 1x36-2x55 W and QT-D/E-DIM 1x16 W, 1x26 W for Delux D/F etc. and others conforming to the standard for 1–10 V control.
<i>Speed controller AD400VH</i>	Rated current:	10 A
	Rated voltage:	250 V $-10\%+6\%$ 50 Hz
	Rated power:	Single-phase induction motors 60–400 VA. Starting current 4 A, normal operation 2 A. <i>NOTE! The power factor of the motor must be taken into account.</i>
	Protection:	Precision 4 A fuse marked F (fast). Spare fuse is supplied in the fuse-holder.
	Switch:	Single-pole rotary switch.
	Terminals:	Screw terminals.

CYB-PO

Kits with pole
terminals



Exploded views



Description

Basic kit, pole terminal

The product consists of a mounting plate to be mounted in CYB-BK flat or angled cover. The mounting plate includes four pole terminals which are connected to one another by an earth rail.

Connection to the pole terminals can be made according to the following:

- 1 Pole terminal with 4 mm terminal tags.
- 2 Cable clip with a minimum opening of 5 mm.
- 3 Connection cable with a maximum core diameter of 2 mm.

Connection kit, equipotential

The product consists of cover, mounting frame and a steel insert including two pole terminals.

Connection to the pole terminals can be made with the Thorsman plug CTA-PO. Maximum earth cable size 4x16 mm².

Material data

Basic kits		
Mounting plate	Material	PC/ABS
	Density	1.14 g/cm ³
	Linear expansion	70x10 ⁻⁶ /°C
	Water absorption	0.6%
	Volume resistivity	>10 ¹³ Ω cm
	Dielectric strength	19 kV/mm
	Fire rating	UL 94 HB halogen-free
	Colour spec.	Greyish-black NCS 7603-R74B
Earth rail DIN	Material	Copper ISO Cu-OF, SS 5011-04, OF-Cu, BS C103
	Density	8.9 g/cm ³
Connection kit, equipotential		
Cover, mounting frame	Material	PC/ABS
	Density	1.14 g/cm ³
	Linear expansion	70x10 ⁻⁶ /°C
	Water absorption	0.6%
	Volume resistivity	>10 ¹³ Ω cm
	Dielectric strength	19 kV/mm
	Fire rating	UL 94 HB halogen-free
Colour spec. cover		• white NCS 0701-G46Y
		• white RAL 9010
		• white RAL 1013
Insert	Material	Steel

Operative data

Temperature range	From -40°C to +70°C
Suitable outdoors	No

Product Environmental Facts

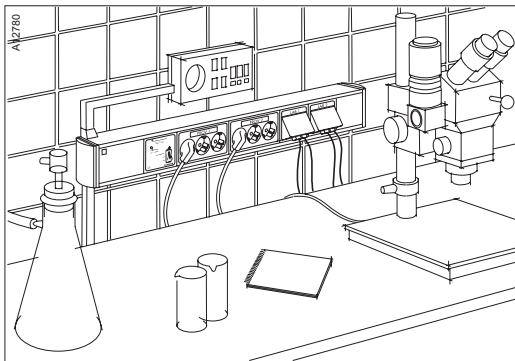
Product Environmental Fact files are available on PI@net.

CYB-PO Basic and connection kits

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Basic kit, pole terminal					
Basic kit including mounting plate with pole terminals, for equipotential function. Intended for flat or angled covers CYB-BK. Material: PC/ABS, copper.					
CYB-PO	Greyish-black	44/32/67	1	7315880060611	5971 831
Connection kit, equipotential					
Connection kit including cover with label window and label, mounting frame and insert with two pole terminals. Termination with earth cable H05V-K, maximum 4x16 mm ² . According to standard DIN 42801. Intended for products with front opening F80. Material: PC/ABS, steel.					
CYB-PO	White RAL 9010	84/28/84	1	7315885971318	5971 311
	White NCS			7315880062585	5971 315

CYB-PP

Kits with over-
voltage protector



Description

CYB-PP connection kit with overvoltage protector is adjusted to 230 VAC and mains type TN or IT, and is integrated in the CYB-S40 box. The protector is intended for individual workplaces, not for entire house properties or plants.

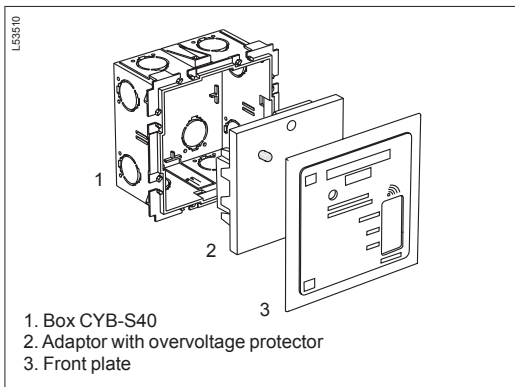
The protector has a built-in acoustic alarm and external indication of power and overloading. The acoustic alarm is controlled by a switch mounted in the front.

The protector can also be supervised in quiescent current e.g. for connection to surveillance centres.

Standards

- EMC – EN 50082-2 (Generic standard, Immunity Industrial environment)
- EMC – EN 50081-1 (Generic standard, Emission Residential/Commercial environment)
- EN 60669-1 (Safety standard)

Exploded view



1. Box CYB-S40
2. Adaptor with overvoltage protector
3. Front plate

Approvals

Approved acc. to Proposal DIN VDE 0675 Teil 6/11.89 for Class C.

Fulfils requirements acc. to the EMC and LV directives (CE-marked).

Electrical data

Mains type	TN
Supply voltage/current	230 VAC 50/60 Hz, 16 A
Max. surge current at pulse shape 8/20µs	5 kA
Max. connection cable area	2.5 mm ² FK, 4.0 mm ² EK
Cut-off voltage	L–N 1100 V
	L–PE 800 V
	N–PE 800 V
Quiescent current supervision	20 mA


Material data

Box CYB-S40	Material	PC (polycarbonate)
	Density	1.17 g/cm ³
	Linear expansion	70x10 ⁻⁶ /°C
	Water absorption	0.6 %
	Fire rating	UL 94 V-0 (1.6 mm halogen-free)
	Colour spec.	White NCS 0502-Y
Front plate	Material	ASA
	Density	1.07 g/cm ³
	Linear expansion	95x10 ⁻⁶ /°C
	Water absorption	0.45 %
	Fire rating	UL 94 HB (halogen-free)
	Colour spec.	• White NCS 0701-G46Y • Aluminium metallic
Adaptor for overvoltage protector	Material	PA (polyamide)
	Density	1.35 g/cm ³
	Linear expansion	40x10 ⁻⁶ /°C
	Water absorption	1.7 %
	Fire rating	UL 94 HB (halogen-free)
	Colour spec.	Black NCS 9500

Operative data

Temperature range	From 0°C to +50°C
Suitable outdoors	No
Degree of protection	IP 20
Estimated min. length of service	At least 10 years

CYB-PP Connection & basic kits, overvoltage protector

Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
Connection kit, mains type TN						
Connection kit including box, overvoltage protector and front plate with text in various languages. For mains type TN. To be used for protection of connected electric equipment against overvoltage. Material: PC, PA, ASA.						
CYB-PP	White NCS	84/53/84		1	7315885972049	5972 040
Swedish text	Alu metallic				7315880104933	5972 041
CYB-PP	Alu metallic	84/53/84		1	7315880104926	5972 012
English text						
Connection kit, mains type IT						
Connection kit including box, overvoltage protector and front plate with Norwegian text. For mains type IT. To be used for protection of connected electric equipment against overvoltage. Material: PC, PA, ASA.						
CYB-PP	White NCS	84/53/84		1	7315880094654	5972 035

P4081



P4081



CYB-PN

DIN enclosures

DIN enclosures



Description

CYB-PN product range includes a 4-module enclosure for mounting in service carriers with front F80®.

4-module enclosure with hinged lid

4-module enclosure that can handle between one and four DIN modules, provided with a hinged lid for protection of the DIN devices and available with or without locking function of the lid. For both horizontal and vertical mounting.

Standards

DIN VDE.

Approvals

Approved by VDE and SEMKO.

Material data

CYB-PN	Material	PC/ABS
	Density	1.14 g/cm ³
	Linear expansion	70x10 ⁻⁶ /°C
	Water absorption	0.6%
	Colour spec.	<ul style="list-style-type: none"> • White NCS 0701-G46Y • White RAL 9010 • White RAL 1013 • Grey NCS S 5502-B

Electrical data

CYB-PN	16 A, 400 V
	Maximum cable size = 5x2.5 mm ²

Operative data

Temperature range:	From -25° to +40°C
Suitable outdoors:	No
Degree of protection:	IP20

Mounting instructions

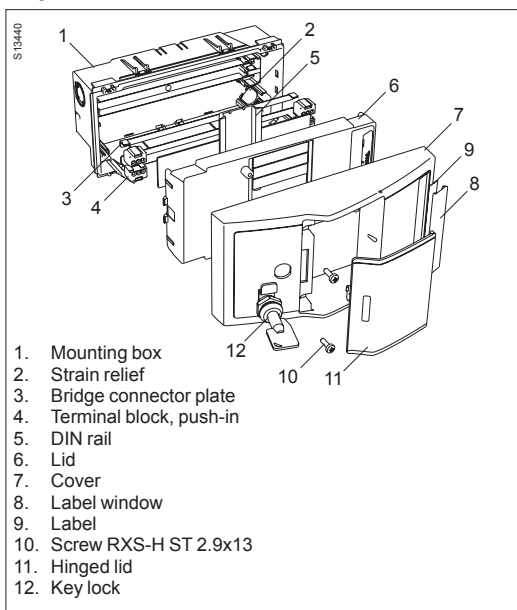
Mounting instructions are enclosed with the products. They are also available on PI@net.

CYB-PN	Art. No. 20017192
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Product Environmental Facts

Product Environmental Fact files are available on PI@net.

Exploded view



1. Mounting box
2. Strain relief
3. Bridge connector plate
4. Terminal block, push-in
5. DIN rail
6. Lid
7. Cover
8. Label window
9. Label
10. Screw RXS-H ST 2.9x13
11. Hinged lid
12. Key lock

DIN enclosures

P72833



Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
4-module DIN enclosure with hinged lid					
4-module DIN enclosure intended for snap-in mounting in service carriers with front F80®. The enclosure is suitable for 1–4 DIN modules and has a hinged lid to protect the devices. Material: PC/ABS.					
CYB-PN	White RAL 9010	84/86/168	1	7315885960251	5960 250
	White NCS			7315880083986	5960 251
	White RAL 1013			7315880094616	5960 252
Same as the above but with keylock and keys to lock the lid. Material: PC/ABS.					
CYB-PN	White RAL 9010	84/86/168	1	7315880083993	5960 255

CYB

British standard
outlets and
accessories



Description

Mounting boxes CYB-S30 and D30 are provided with screw pillars M3.5 and meet British standard for the mounting of screw-fastened standard outlets. They are available in two sizes, single box S30 and double box D30, with a box depth of 30 mm.

Mounting boxes CYB-S40 and D40 have no screw pillars for standard devices. However, in combination with screw pillar CYB-P40, available as an accessory, the boxes will fulfil British standard.

Thorsman frameless CYB outlets for the UK market, as well as standard outlets can be installed in the boxes.

In the single box outlets can be mounted either vertically or horizontally.

Standards

Mounting boxes: BS 4662:1970
Standard power outlets: BS 1363:1984

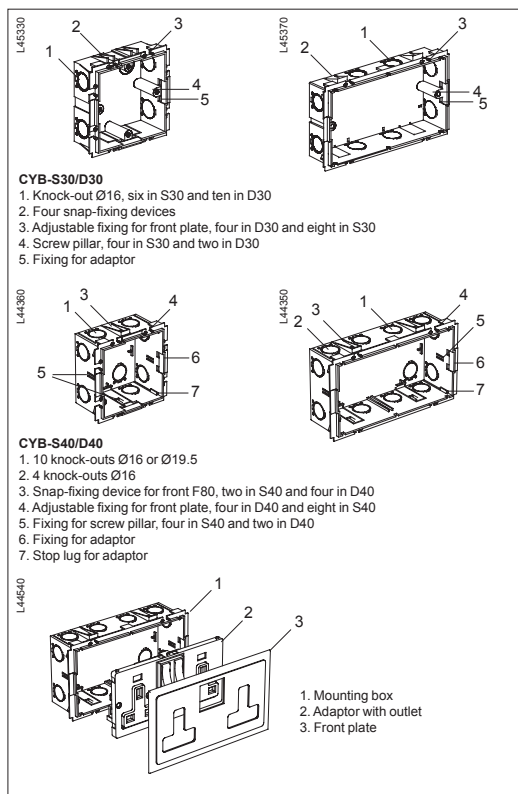
Approvals

Dual master telephone outlet has been approved by British Telecom.

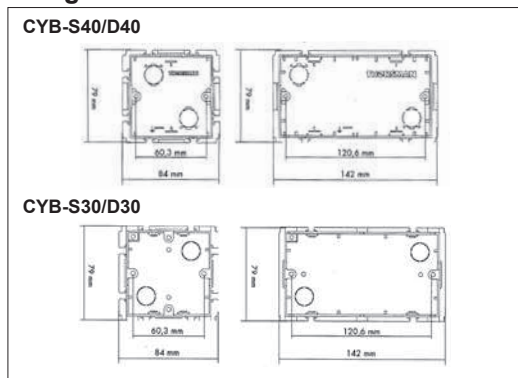
Material data

Mounting box	Material	PC (polycarbonate)
	Density	1.17 g/cm ³
	Linear expansion	70x10 ⁻⁶ m/m°C
	Water absorption	0.6%
	Volume resistivity	>10 ¹³ Ω cm
	Dielectric strength	18 kV/mm
	Fire rating	UL 94 V-0 (1,6 mm halogen-free)
Screw pillar	Colour spec.	White NCS 0502-Y
	Material	PA.6 (polyamide), 15% glass-fibre
	Density	1.25 g/cm ³
	Linear expansion	70x10 ⁻⁶ m/m°C
	Water absorption	2.3%
	Volume resistivity	>10 ¹³ Ω cm
	Dielectric strength	65 kV/mm
Adaptor	Fire rating	UL 94 HB
	Colour	White
	Material	PA (polyamide)
	Density	1.35 g/cm ³
	Linear expansion	40x10 ⁻⁶ m/m°C
	Water absorption	1.7%
	Volume resistivity	>10 ¹² Ω cm
Front plate	Fire rating	UL 94 HB (halogen-free)
	Colour spec.	Black NCS 9500
	Material	ASA
	Density	1.07 g/cm ³
	Linear expansion	95x10 ⁻⁶ m/m°C
	Water absorption	0.45%
	Volume resistivity	>10 ¹⁴ Ω cm
Dielectric strength	90 kV/mm	
	Fire rating	UL 94 HB (halogen-free)
	Colour spec.	• White NCS 0701-G46Y • Grey NCS S 5502-B

Outline



Design and dimensions



Operative data

Temperature range	From +80°C to -40°C
Suitable outdoors	No
Degree of protection	IP20
Restrictions	Only for use in products with front F80
Environmental sensitivity	Direct contact with solvents

Compatibility

Not suitable for Products with other front opening than F80 or with a depth below 52 mm (S40/D40) and 42 mm (S30/ D30).







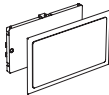

Mounting instruction

Mounting instruction is enclosed with the product and is also available on PI@net 20045812 CYB-PU


Product Environmental Facts

Product Environmental Fact files are available on PI@net.

Mounting boxes with accessories, blank cover

Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
Mounting box, double						
Front-mounted and snap-fastened mounting box with 14 entries Ø 16 mm, adapted to snap-fastened strain relief devices and conduit bush. The entries are two on each short side, four on each long side and two at the bottom. Ten of the entries can be increased to Ø 19,5 mm for pipe connection. At the bottom of the box there is room for earth terminal CYB-ET. To be used in conjunction with CYB-PU and CYB-PL. Material: PC.						
 P139325	CYB-D40	White NCS	79/44/142	10	7315880043867	5961 035
Mounting box, single						
Front-mounted and snap-fastened mounting box with ten entries Ø 16 mm, adapted to snap-fastened strain relief devices and conduit bush. The entries are two per short side, two per long side and two at the bottom. They can be increased to Ø 19,5 mm for pipe connection. At the bottom of the box there is room for earth terminal CYB-ET. To be used in conjunction with CYB-PU, CYB-PL and CYB-DP. Material: PC.						
 P139326	CYB-S40	White NCS	79/44/84	10	7315885961036	5961 030
Mounting box with screw pillars, double						
Front-mounted and snap-fastened mounting box with ten entries Ø 16 mm, adapted to snap-fastened strain relief devices and conduit bush. The entries are two on each short side, two on each long side and two at the bottom. Two screw pillars M 3.5 for screw-fastened standard devices with a centre distance of 120.6 mm. At the bottom of the box there is room for earth terminal CYB-ET. To be used in conjunction with CYB-PU, CYB-PL and outlets according to British Standard. Material: PC.						
 P139327	CYB-D30	White NCS	79/32/142	10	7315880046943	5961 005
Mounting box with screw pillars, single						
Front-mounted and snap-fastened mounting box with six entries Ø 16 mm, adapted to snap-fastened strain relief devices and conduit bush. The entries are two on each short side and two at the bottom. Four screw pillars M 3.5 for screwfastened standard devices with a centre distance of 60,3 mm. At the bottom of the box there is room for earth terminal CY-BET. To be used in conjunction with CYB-PU, CYB-PL, CYB-DP and outlets according to British Standard. Material: PC.						
 P64410	CYB-S30	White NCS	79/32/84	10	7315885961005	5961 000
Screw pillar for mounting box						
Screw pillar with thread bush M 3.5, to be snap-fastened in mounting box CYB-S40 and CYB-D40. For the mounting of screw-fastened standard outlets. Material: PA6, 15% glass-fibre.						
 L44390	CYB-P40	White	14/12/37	20	7315880044352	5961 505
Blank cover						
Snap-fastened blank cover, including adaptor and front plate. To be used as a blank cover for future expansion or own hole-making. To be mounted in double box CYB-D40/CYB-D30 or single box CYB-S40/CYB-S30. Material: PA, ASA.						
 L44370	CYB-PL For double box CYB-D40/D30	White NCS	84/12/142	1	7315880043874	5961 555
 P64417	CYB-PL For single box CYB-S40/S30	White NCS	84/12/84	1	7315885961555	5961 550

Outlets

Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
Single outlet kit, standard, 13 A						
Single basic outlet kit standard 13 A, including adaptor with outlet and front plate. The outlet can be mounted either horizontally or vertically in single box CYB-S40 or CYB-S30. Material: PA, ASA.						
CYB-PU Without switch	White NCS	84/25/84		1	7315885961334	5961 230
CYB-PU With switch	White NCS	84/30/84		1	7315885961227	5961 220
CYB-PU With switch and indication lamp	White NCS	84/30/84		1	7315885961241	5961 240
Twin outlet kit, standard, 13 A						
Twin basic outlet kit standard 13 A, including adaptor with outlet and front plate. To be mounted in double box CYB-D40 or CYB-D30. Material: PA, ASA.						
CYB-PU Without switch	White NCS	84/25/142		1	7315880043928	5961 235
CYB-PU With switch	White NCS	84/30/142		1	7315880043911	5961 225
CYB-PU With switch and indication lamp	White NCS	84/30/142		1	7315880044239	5961 245
Outlet kit, telephone/data						
Basic outlet kit with shutter, including adaptor and front plate, for snap-fastened LJU6C and RJ45. The outlet can be mounted either horizontally or vertically. Suitable for CYB-S40 and CYB-S30. Material: PA, ASA.						
CYB-DP LJU6C/RJ45, single	White NCS	84/12/84		1	7315885961777	5961 770
CYB-DP LJU6C/RJ45, dual	White NCS	84/12/84		1	7315880053293	5961 775

P138329



P138328



P60472



P138331



P138332



P138333



P138330



P138336



CYB

Low voltage
products



Description

CYB low voltage service content system is designed to fit service carriers with F80® front opening. In addition, it can be mounted on the wall or installed in an apparatus box.

The system is frameless and boxless and is made up by snap-fitted covers with mounting plates and connectors. The covers are available in angled or flat design.

The mounting kits CYB-BK include mounting frame, cover, label and label window.

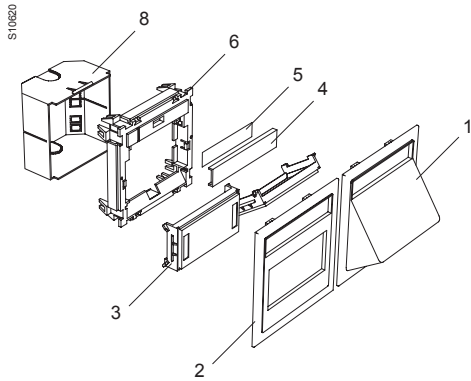
Put together with various mounting plates and connectors the mounting kits make complete connection kits.

Material data

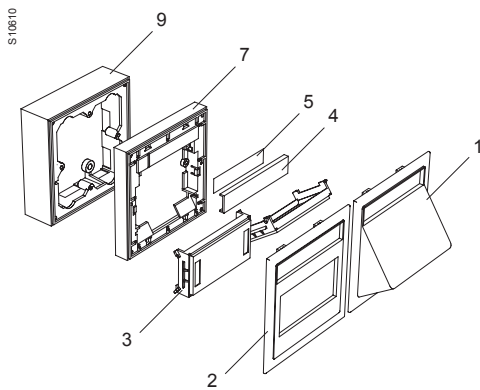
Cover in RAL-specified colour	Material	PC/ABS	
	Density	1.14 g/cm ³	
	Linear expansion	70x10 ⁻⁶ m/m°C	
	Water absorption	0.6%	
	Volume resistivity	>10 ¹³ Ω cm	
	Dielectric strength	19 kV/mm	
	Fire rating	UL 94 HB (halogen-free)	
Colour	<ul style="list-style-type: none"> • White RAL 9010 ≈ NCS 0502-Y14R • White RAL 1013 		
Other covers, wall mounting frame	Material	ASA	
	Density	1.07 g/cm ³	
	Linear expansion	95x10 ⁻⁶ m/m°C	
	Water absorption	0.45%	
	Volume resistivity	>10 ¹⁴ Ω cm	
	Dielectric strength	90 kV/mm	
	Fire rating	UL 94 HB (halogen-free)	
Colours	<ul style="list-style-type: none"> • White = NCS 0701-G46Y • Light grey = NCS 1902-Y24R • Greyish-black = NCS 7603-R74B • Aluminium metallic 		
Box CYB-S40	Material	PC (polycarbonate)	
	Density	1.17 g/cm ³	
	Linear expansion	70x10 ⁻⁶ m/m°C	
	Water absorption	0.6%	
	Fire rating	UL 94 V-0 (1.6 mm halogen-free)	
Colour spec.	White NCS 0502-Y		
Mounting frame for F80 products, mounting frame for installation boxes	Material	PC/ABS	
	Density	1.14 g/cm ³	
	Linear expansion	70x10 ⁻⁶ m/m°C	
	Water absorption	0.6%	
	Volume resistivity	>10 ¹³ Ω cm	
	Dielectric strength	19 kV/mm	
	Fire rating	UL 94 HB (halogen-free)	
Colour	<ul style="list-style-type: none"> • White NCS 0701-G46Y • White RAL 9010 (only frame for installation boxes) 		
Mounting plates, front plates	Material	PC/ABS	
	Density	1.14 g/cm ³	
	Linear expansion	70x10 ⁻⁶ m/m°C	
	Water absorption	0.6%	
	Volume resistivity	>10 ¹³ Ω cm	
	Dielectric strength	19 kV/mm	
	Fire rating	UL 94 HB (halogen-free)	
	Colour mounting plates	<ul style="list-style-type: none"> • White = NCS 0701-G46Y • White RAL 9010 ≈ NCS 0502-Y14R • White RAL 1013 • Greyish-black = NCS 7603-R74B 	
Colour front plates	<ul style="list-style-type: none"> • White = NCS 0701-G46Y • White RAL 9010 ≈ NCS 0502-Y14R 		
Adaptor for overvoltage protector (CYB-DS)	Material	PA (polyamide)	
	Density	1.35 g/cm ³	
	Linear expansion	40x10 ⁻⁶ m/m°C	
	Water absorption	1.7%	
	Fire rating	UL 94 HB (halogen-free)	

Exploded views

F80 mounting



Wall mounting






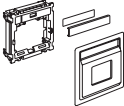








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|-------------------|--|
| 1. Cover, angled | 6. Mounting frame F80 |
| 2. Cover, flat | 7. Mounting frame wall |
| 3. Mounting plate | 8. Protective casing, high or low design |
| 4. Label window | 9. Surface mounting frame |
| 5. Label | |

Material data, cont.

Surface mounting frame	Material	ASA
	Density	1.07 g/cm ³
	Linear expansion	95x10 ⁻⁶ m/m°C
	Water absorption	0.45%
	Volume resistivity	>10 ¹⁴ Ω cm
	Dielectric strength	90 kV/mm
	Fire rating	UL 94 HB (halogen-free)
	Colour	<ul style="list-style-type: none"> • White = NCS 0701-G46Y • Light grey = NCS 1902-Y24R • Greyish-black = NCS 7603-R74B
Label window	Material	PMMA N8
	Density	1.19 g/cm ³
	Linear expansion	80x10 ⁻⁶ m/m°C
	Water absorption	0.3%
	Volume resistivity	>10 ¹⁵ Ω cm
	Dielectric strength	30 kV/mm (DIN 53481)
	Fire rating	UL 94 HB
	Colour	Clear
Fibre spool	Material	PE-HD
	Density	0.95 g/cm ³
	Linear expansion	150x10 ⁻⁶ m/m°C
	Water absorption	0.07%
	Colour	Natural
Protective casings CYB-RK, CYB-DF	Material	PP (polypropylene)
	Density	0.905 g/cm ³
	Linear expansion	100x10 ⁻⁶ m/m°C
	Water absorption	<0.1%
	Volume resistivity	10 ² Ω cm
	Dielectric strength	>30 kV/mm
	Fire rating	UL 94 HB (halogen-free), withstands glow-wire test 750°
	Colour	<ul style="list-style-type: none"> • Red = NCS 2080-Y80R • White = NCS 0500 (fibre)

Operative data


Temperature range:	From -40°C to +80°C (except CYB-DS, connection kit with overvoltage protector, which is suited for a temperatur range between 0°C and +50°C)
Suitable outdoors:	Not suitable

Mounting kits							
Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.	
For F80® mounting							
Mounting kit including F80 mounting frame, snap-fitted cover in angled or flat design, label window and label. For mounting in service carriers with 80 mm front. Material: See Material data on previous pages.							
P3712		CYB-BK1	White NCS White RAL 9010 Alu metallic White RAL 1013	84/50/84	1	7315885970007	5970 000
						7315880042655	5970 003
						7315880079125	5970 004
						7315880083863	5970 005
P3713		CYB-BK2	White NCS Greyish-black White RAL 9010 Alu metallic White RAL 1013	84/25/84	1	7315885970021	5970 020
						7315880040286	5970 022
						7315880042679	5970 023
						7315880079118	5970 024
L28330		CYB-BK5	White NCS White RAL 9010	84/29/84	1	7315885970083	5970 080
		With hole pattern adapted to AMP-CO				7315880056775	5970 083
P1930		CYB-BK6	White NCS White RAL 9010	84/25/84	1	7315885970090	5970 090
		With hole pattern adapted to AMP 110 Connect, Lucent, Krone. Integrated shutters				7315880067856	5970 093
P4640		CYB-BK7	White NCS Alu metallic	84/30/84	1	7315885970106	5970 100
		With mounting frame adapted to c/c 60 mm devices and SE national telephone socket with screw terminals				7315880101857	5970 104
P64419		CYB-BK8	White NCS White RAL 9010 Alu metallic	84/25/84	1	7315880084426	5970 105
		With mounting frame adapted to c/c 60 mm devices and cover with hole pattern suitable for aerial socket outlets type R+TV				7315880084433	5970 106
						7315880104322	5970 107
P66835		CYB-BK9	White NCS Alu metallic	84/25/84	1	7315885970113	5970 110
		With mounting frame adapted to c/c 60 mm devices and cover with hole pattern suitable for aerial socket outlets type R+TV+Sat				7315880104339	5970 112
P64416		CYB-BK10	White NCS White RAL 9010	84/25/84	1	7315880084457	5970 115
		With mounting frame adapted to c/c 60 mm devices and cover with square hole pattern acc. to DIN 49075. Without label window.				7315880084464	5970 116
P64415		CYB-BK11	White NCS	84/25/84	1	7315885970120	5970 120
		With mounting frame adapted to c/c 60 mm devices and cover with hole pattern for low voltage outlet of Mosaic type					
P64409		CYB-BK12	White NCS Alu metallic	84/22/84	1	7315885970137	5970 130
		With hole pattern adapted to four Actassi outlets				7315880108252	5970 133
P64384		CYB-BK12NL	White RAL 9010 White RAL 1013	84/22/84	1	7315880109358	5970 135
		With hole pattern adapted to four Actassi outlets, and with four mounting adaptors and one blanking plug. For the Dutch market.				7315880109365	5970 136

Mounting kits

P64400



Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
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For F80® mounting

Mounting kit including holder, snap-fitted flat cover, two label windows and two labels. Intended for LexCom Home switch 4+1 port, 10/100 Mbps. Requires 12V DC external power supply. For snap-fitting in service carriers with 80 mm front opening. NOTE! Not compatible with TAS+.

Material: Holder = Steel, Cover = PC/ABS.

CYB-BK13	White NCS	84/35/84		1	7315885970144	5970 140
	Alu metallic				7315880108351	5970 143

For wall mounting

Mounting kit including wall mounting frame, snap-fitted cover in angled or flat design, label window and label. For mounting directly on the wall or by means of a surface mounting frame, or on a recessed box (c/c 60 mm).

Material: See Material data on previous pages.

P3714







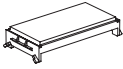
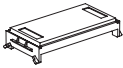
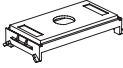
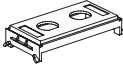
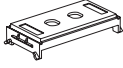
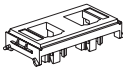
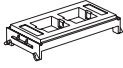
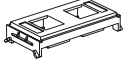
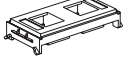
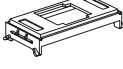
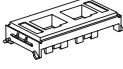
CYB-BK3	White NCS	84/40/84		1	7315885970045	5970 040
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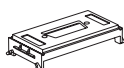
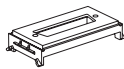

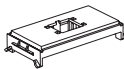
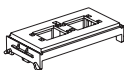
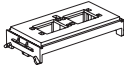
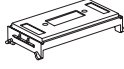

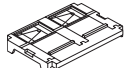
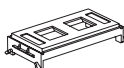
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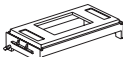
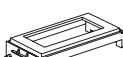
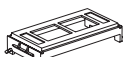
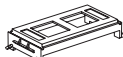

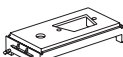
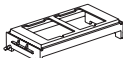
CYB-BK4	White NCS	84/13.5/84		1	7315885970069	5970 060
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Mounting plates


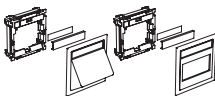





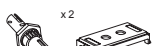

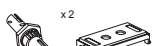
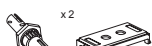
Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.		
<p>Mounting plates with various hole patterns, intended for use with mounting kits CYB-BK and with OptiLine 50 angled basic kit for CYB plates. The plates are available in three versions; with label holder, without label holder and with built-in shutter. Plates with shutter only fit CYB-BK6.</p> <p>All plates except those with built-in shutter for CYB-BK6 can be mounted angled or flat, and they can all be fitted without tools.</p> <p>Material: PC/ABS.</p>							
							
  							
Blank plates							
L21100		CYB-MP1 Blank plate without label holder, for future expansion or for hole cutting by client	Greyish-black White RAL 9010 White NCS	12/32/66	10	7315885971806 7315885971851 7315885971707	5971 800 5971 850 5971 700
L21110		CYB-MP2 Blank plate with label holder, for future expansion or for hole cutting by client	White NCS	12/32/66	10	7315880052791	5971 701
BNC, TNC, EAE							
L21120		CYB-DC Keyed hole for 1 x BNC, TNC, EAE, with label holder	White	12/32/66	10	7315880052807	5971 705
L21130		CYB-DC Keyed double holes for 2 x BNC, TNC or EAE-2, with label holder	White	12/32/66	10	7315880052814	5971 706
L21150		CYB-DC Keyed double holes for 2 x F or ST, with label holder, for cable TV nets or fibre	White NCS	12/32/66	10	7315880052838	5971 708
Thomas & Betts							
L21180		CYB-DP Thomas&Betts for 2 x 8-position modular jack STP, UTP and blind plug, with label holder	White NCS	17/32/66	10	7315880052852	5971 711
Lucent							
L21190		CYB-DP Lucent for 2 x 8-position modular jack UTP and blind plug, with label holder	Greyish-black White RAL 9010 White NCS White RAL 1013	12/32/66	10	7315880040125 7315880042303 7315880052869 7315880083887	5971 809 5971 859 5971 712 5971 955
AMP NetConnect							
L21200		CYB-DP AMP NetConnect for 2 x 8-position modular jack UTP Category 3 and blind plug, with label holder	White NCS	12/32/66	10	7315880052876	5971 713
AMP NetConnect							
L21210		CYB-DP AMP NetConnect for 2 x 8-position modular jack STP, UTP, Krone Keystone UTP/STP and blind plug, with label holder	Greyish-black White RAL 9010 White NCS White RAL 1013	12/32/66	10	7315880040149 7315880042310 7315880052883 7315880083917	5971 812 5971 861 5971 714 5971 958
IBM							
L21220		CYB-DP 1 x IBM cable system connector type 1, with label holder	White NCS	12/32/66	10	7315880052890	5971 715
L66180		CYB-DP 2 x IBM GFP (Global Foot Print), with label holder	White NCS	12/32/66	10	7315880101963	5971 744

Mounting plates		Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
1 x D-sub								
L21280		CYB-DP 1 x D-sub 9 pole, with label holder	Greyish-black White RAL 9010 White NCS	12/32/66		10	7315880040156 7315880042365 7315880052937	5971 813 5971 866 5971 719
L21270		CYB-DP 1 x D-sub 15 pole, with label holder	Greyish-black White RAL 9010 White NCS	12/32/66		10	7315880040163 7315880042372 7315885971721	5971 814 5971 867 5971 720
L21280		CYB-DP 1 x D-sub 25 pole, without label holder	White NCS	12/32/66		10	7315880052944	5971 721
XLR, universal type								
L21280		CYB-DP 1 x XLR, universal type (male and female fit in the same hole pattern), with label holder	Greyish-black White RAL 9010 White NCS	12/32/66		10	7315880040200 7315880042396 7315880052951	5971 818 5971 869 5971 722
Modular Jack UTP & STP, Reichle & De-Massari								
L21320		CYB-DP 1 x 8-position modular jack UTP & STP, Reichle & De-Massari, without label holder	White NCS	18/32/66		10	7315880053019	5971 728
L21330		CYB-DP 2 x 8-position modular jack UTP & STP, Reichle & De-Massari, without label holder.	Greyish-black White RAL 9010 White NCS	18/32/66		10	7315880042457 7315880042426 7315880053026	5971 824 5971 873 5971 729
1 port module, Reichle & De-Massari, FreeNet								
L21330		CYB-DP 2 x 1 port module from Reichle & De-Massari, FreeNet, without label holder	Greyish-black White RAL 9010 White NCS White RAL 1013	18/32/67		10	7315880078951 7315880078968 7315880078944 7315880083894	5971 841 5971 888 5971 741 5971 956
SC Duplex from AMP, Molex, Lucent Tech (Lucent), Dätwyler, Siecor								
L54680		CYB-DF 1 x SC Duplex from AMP, Molex, Lucent Tech (Lucent), Dätwyler, Siecor, with label holder	White NCS	12/32/66		10	7315885971738	5971 730
L54670		CYB-DF 2 x SC Duplex from AMP, Molex, Lucent Tech (Lucent), Dätwyler, Siecor, with label holder	White NCS	12/32/66		10	7315880053033	5971 731
2 x 8-position modular jack, only for mounting in CYB-BK6								
L55150		CYB-DP AMP NetConnect, Krone KM8 and others, 2 x 8-position modular jack STP, UTP, with integrated shutters.	White NCS White RAL 9010	11/43/66		10	7315880067498 7315880067535	5971 732 5971 879
		CYB-DP Like the above but for Lucent tech. Systimax, M-series, 2 x 8-position modular jack UTP	White NCS	14/43/66		10	7315880067504	5971 733
		CYB-DP Like the above but for Krone K8, PremisNet, Keystone 2 x 8-position modular jack STP, UTP	White NCS White RAL 9010	14/43/66		10	7315880067528 7315880067597	5971 735 5971 882
Alcatel 8-pole modular jack type LAN								
L63660		CYB-DP Alcatel 8-pole modular jack type LAN mark-6, with label holder	Greyish-black White RAL 9010 White NCS	12/32/66		10	7315880097433 7315880097464 7315880097440	5971 842 5971 889 5971 742



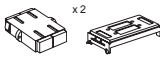
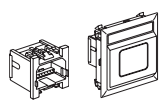











Mounting plates

	Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
Panduit MINI-COM™, Mini-Jack or Opto-Jack							
L55120		CYB-DP	Greyish-black	21/32/66	10	7315880066736	5971 837
		2 x Panduit MINI-COM™, Mini-Jack or	White RAL 9010			7315880066729	5971 884
		Opto-Jack, with label	White NCS			7315880066712	5971 737
		holder	White RAL 1013			7315880083900	5971 957
Siemon MX							
L57180		CYB-DP	Greyish-black	12/32/66	10	7315880073918	5971 839
		Siemon MX modular outlet, also suitable for Siemon SC/SC duplex fibre outlet, with label holder	White RAL 9010	White NCS		7315880073901	5971 886
L66190		CYB-DP	Greyish-black	12/32/66	10	7315880102007	5971 845
		3 x Siemon MX UTP modular outlet. Also suitable for Siemon SC/SC duplex fibre outlet and 2 x Siemon MX STP modular outlet mounted with a blank cover. Without label holder.					
Actassi modular 125/250							
L57190		CYB-DP	Greyish-black	12/32/66	10	7315885971844	5971 840
		2 x Actassi modular outlet 125/250 with mounting adaptors, with label holder	White RAL 9010			7315880073925	5971 887
			White NCS			7315885971745	5971 740
			White RAL 1013			7315880097501	5971 962
ITT-Cannon modular jack							
L63670		CYB-DP	White RAL 9010	20/32/66	10	7315885971899	5971 890
Infra+							
L55120		CYB-DP	White RAL 9010	18.5/32/66	10	7315880110996	5971 894
VGA and telephone							
P81709		CYB-DP	Greyish-black	12/32/66	10	7315880114185	5971 838
		1 x VGA and 1 x tele-phone socket Ø3.5, 3-pole, without label holder	White NCS			7315880114192	5971 749
Anixter							
P100836		CYB-DP	White NCS	12/32/66	10	7332418018395	5971 898
		2 x Anixter (coming) modular outlet					


Connection kits for F80® mounting, including connectors

Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.	
<p>Connection kit including F80 mounting frame, label window with label, flat or angled cover, mounting plate and connector(s). Depending on the connector(s), the kits can be used for structured cabling networks for pair cables, general low voltage, coaxial or fibre connection. Material: PC/ABS.</p>							
6-position modular jack							
 L20920 L20930 L15100 L21200	CYB-DP	White NCS	84/26/84	1	7315885970519	5970 510	
	Flat cover, 1 x 6-position modular jack + blind plug						
	CYB-DP	White NCS	84/26/84	1	7315880057611	5970 515	
	Flat cover, 2 x 6-position modular jack						
 L50360 L21280	CYB-DP	White NCS	84/50/84	1	7315885970458	5970 450	
	Angled cover, 1 x 6-position modular jack + blind plug						
	CYB-DP	White NCS	84/50/84	1	7315880065524	5970 455	
	Angled cover, 2 x 6-position modular jack						
9-pole D-sub							
 L44320 L21210	CYB-DP	White NCS	84/50/84	1	7315885970311	5970 310	
	Angled cover, 9-pole D-sub male						
AMP 110 Connect Cat. 5 UTP 568A/568B							
 L44740 L21210	CYB-DP	White NCS	84/33/84	1	7315885970540	5970 540	
	Flat cover, 1 x AMP 110 Connect Cat. 5 UTP 568A/568B NCS + blind plug						
	CYB-DP	White NCS	84/33/84	1	7315885970557	5970 550	
	Flat cover, 2 x AMP 110 Connect Cat. 5 UTP 568A/568B						
 L44740 L21210	CYB-DP	White NCS	84/50/84	1	7315885970410	5970 410	
	Angled cover, 1 x AMP 110 Connect Cat. 5 UTP 568A/568B + blind plug						
	CYB-DP	White NCS	84/50/84	1	7315880065609	5970 415	
	Angled cover, 2 x AMP 110 Connect Cat. 5 UTP 568A/568B						
AMP 110 Connect Cat. 5 STP 568A/568B							
 L44740 L21210	CYB-DP	White NCS	84/33/84	1	7315885970571	5970 570	
	Flat cover, 2 x AMP 110 Connect Cat. 5 STP 568A/568B						
	CYB-DP	White NCS	84/50/84	1	7315880065616	5970 425	
	Angled cover, 1 x AMP 110 Connect Cat. 5 STP 568A/568B + blind plug						
 L44740 L21210	CYB-DP	White NCS	84/50/84	1	7315880065623	5970 435	
	Angled cover, 2 x AMP 110 Connect Cat. 5 STP 568A/568B						
	Lucent MPS100 Cat. 5 UTP 568A/568B						
	 L14720 L21190	CYB-DP	White NCS	84/30/84	1	7315880057758	5970 590
Flat cover, 2 x Lucent MPS100 Cat. 5 UTP 568A/568B							
 L14720 L21190	CYB-DP	White NCS	84/50/84	1	7315880065593	5970 405	
	Angled cover, 2 x Lucent MPS100 Cat. 5 UTP 568A/568B						
ST Multimode							
 L15480 L21150	CYB-DF	White NCS	84/50/84	1	7315880057789	5970 375	
	Angled cover, 2 x ST Multimode. Termination guide not included.						

Connection kits for F80® mounting, including connectors

Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
Duplex SC/SC Multimode						
L52150 L54680 	CYB-DF	White NCS	84/50/84	1	7315885970380	5970 380
	Angled cover, Duplex SC/SC Multimode with two screws					
L52150 L54670 	CYB-DF	White NCS White RAL 9010	84/50/84	1	7315880062325 7315880062349	5970 385 5970 386
	Angled cover, 2 x duplex SC/SC Multimode with four screws					
AMP-CO, with dust cap						
L55390 L55230 	CYB-DP	White NCS	84/47/84	1	7315880057673	5970 615
	Flat cover CYB-BK5, AMP-CO, including dust cap					
Actassi 125 Cat 5e STP						
L62270 L58890 L57190 	CYB-DP	White NCS	84/50/84	1	7315885970496	5970 490
	Angled cover, 1 x Actassi 125 Cat 5e STP, blind plug and black mounting adaptor					
L62270 L58890 L57190 	CYB-DP	White NCS	84/50/84	1	7315880075325	5970 495
	Angled cover, 2 x Actassi 125 Cat 5e STP, black mounting adaptors					
Actassi 125 Cat 5e STP						
L62270 L58890 L57190 	CYB-DP	White NCS	84/25/84	1	7315885970915	5970 910
	Flat cover, 1 x Actassi 125 Cat 5e STP, blind plug and black mounting adaptor					
L62270 L58890 L57190 	CYB-DP	White NCS	84/25/84	1	7315880075349	5970 915
	Flat cover, 2 x Actassi 125 Cat 5e STP, black mounting adaptors					
Actassi 125 Cat 5e UTP						
L622560 L58890 L57190 	CYB-DP	White NCS	84/50/84	1	7315885970489	5970 480
	Angled cover, 1 x Actassi 125 Cat 5e UTP, blind plug and black mounting adaptor					
L622560 L58890 L57190 	CYB-DP	White NCS Alu metallic White RAL 1013	84/50/84	1	7315880075318 7315880104049 7315880115748	5970 485 5970 487 5970 488
	Angled cover, 2 x Actassi 125 Cat 5e UTP, black mounting adaptors					
Actassi 125 Cat 5e UTP						
L622560 L58890 L57190 	CYB-DP	White NCS	84/25/84	1	7315885970908	5970 900
	Flat cover, 1 x Actassi 125 Cat 5e UTP, blind plug and black mounting adaptor					
L622560 L58890 L57190 	CYB-DP	White NCS White RAL 9010 Alu metallic White RAL 1013	84/25/84	1	7315880075332 7315880104117 7315880104124 7315880115755	5970 905 5970 906 5970 907 5970 908
	Flat cover, 2 x Actassi 125 Cat 5e UTP, black mounting adaptors					
Actassi 250 Cat 6 STP						
L62270 L58890 L57190 	CYB-DP	White NCS	84/50/84	1	7315885974104	5974 100
	Angled cover, 1 x Actassi 250 Cat 6 STP, blind plug and black mounting adaptor					
L62270 L58890 L57190 	CYB-DP	White NCS White RAL 9010 Alu metallic	84/50/84	1	7315880097570 7315880104308 7315880104315	5974 105 5974 107 5974 108
	Angled cover, 2 x Actassi 250 Cat 6 STP, black mounting adaptors					
L62270 L58890 L57190 	CYB-DP	White NCS	84/34/84	1	7315880102502	5974 106
	Flat cover, 2 x Actassi 250 Cat 6 STP, black mounting adaptors					

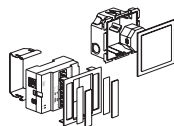
Connection kits for F80® mounting, including connectors

Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
Actassi 250 Cat 6 UTP						
CYB-DP Angled cover, 1 x Actassi 250 Cat 6 UTP, blind plug and black mounting adaptor	White NCS	84/50/84		1	7315885974098	5974 090
	Alu metallic				7315880104223	5974 093
CYB-DP Angled cover, 2 x Actassi 250 Cat 6 UTP, black mounting adaptors	White NCS	84/50/84		1	7315880097563	5974 095
	White RAL 9010				7315880104230	5974 097
	Alu metallic				7315880104247	5974 098
	White RAL 1013				7315880115762	5974 099
CYB-DP Flat cover, 2 x Actassi 250 Cat 6 UTP, black mounting adaptors	White NCS	84/27/84		1	7315880102489	5974 096
	White RAL 9010				7315880104261	5974 206
	Alu metallic				7315880104278	5974 207
	White RAL 1013				7315880115779	5974 208
Connection kit including CYB-BK13						
Connection kit including mounting kit CYB-BK13 (holder, snap-fitted flat cover, label windows and labels) with 4xLexCom Home switch and power supply kit CYB-PR (box with strain relief, terminal block, power supply device and cover). Material: Steel, PC/ABS.						
CYB-DP	White NCS	45/84/168		1	7315885970250	5970 250
	Alu metallic				7315880114086	5970 252
	White RAL 9010				7315880114093	5970 251
Connection kits including connectors and shuttered mounting plate						
Kit including F80 mounting frame, label window with label, cover, shuttered mounting plate, connector(s) and termination guide. Packed by the piece in a plastic bag. To be used in structured cabling networks for pair cables. Material: PC/ABS.						
CYB-DP 1 x AMP110 Cat. 5 UTP 568A/568B + blind plug	White NCS	84/35/84		1	7315885970847	5970 840
CYB-DP 2 x AMP110 Cat. 5 UTP 568A/568B	White NCS	84/35/84		1	7315880067641	5970 845
CYB-DP 2 x Krone Keystone Cat. 5 UTP 568B	White NCS	84/32/84		1	7315880067696	5970 765

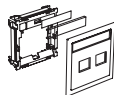
L62560
L68890 L57190



F81284



L55350




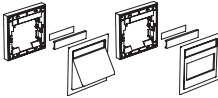







L44320
L55150



L53420
L55150




Connection kits for wall mounting, including connectors

	Type	Colour	Dimensions A/B/C (mm)	 Qty per package	EAN code	Ref. No.
L20980 L20990						
<p>Kit including wall mounting frame, label with label window, angled or flat cover, mounting plate, connector(s) and termination guide. Depending on the connector(s), the kits can be used for structured cabling networks for pair cables, general low voltage, coaxial or fibre connection. Material: PC/ABS.</p>						
9-pole D-sub male						
L50380 L21280		White NCS	84/40/84	1	7315885973039	5973 030
AMP 110 Connect Cat. 5 UTP						
L44320 L21210		White NCS	84/40/84	1	7315880065999	5973 135
<p>Angled cover, 1 x AMP 110 Connect Cat. 5 UTP 568A/568B + blind plug</p>						
CYB-DP						
<p>Angled cover, 2 x AMP 110 Connect Cat. 5 UTP 568A/568B</p>						
AMP 110 Connect Cat. 5 STP						
L44740 L21210		White NCS	84/40/84	1	7315880066002	5973 155
<p>Angled cover, 1 x AMP 110 Connect Cat. 5 STP 568A/568B + blind plug</p>						
CYB-DP						
<p>Angled cover, 2 x AMP 110 Connect Cat. 5 STP 568A/568B</p>						
ST Multimode						
L15480 L21150		White NCS	84/40/84	1	7315885973107	5973 100
<p>Angled cover, 2 x ST Multimode. Termination guide not included.</p>						
Duplex SC Multimode						
L52150 L54800		White NCS	84/40/84	1	7315880065968	5973 105
<p>Angled cover, Duplex SC Multimode with two screws</p>						
Actassi 125 Cat. 5e UTP						
L58880 L57190		White NCS	84/40/84	1	7315885973206	5973 200
<p>Angled cover, 1 x Actassi 125 Cat. 5e UTP, blind plug and black mounting adaptor</p>						
CYB-DP						
<p>Angled cover, 2 x Actassi 125 Cat. 5e UTP, 2 x black mounting adaptors</p>						
Actassi 125 Cat. 5e STP						
L62570 L68880 L57190		White NCS	84/40/84	1	7315880075356	5973 195
<p>Angled cover, 2 x Actassi 125 Cat. 5e STP, black mounting adaptors</p>						

CYB

Product dedicated
for MWU

CYB accessories for MWU health care panels


Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
Light diode kit						
Light diode kit to be used as patients' orientation night-light. With high intensity diodes. Material: PC/ABS.						
CYB-PO	White	84/50/84		1	7315885974012	5974 010
Aerial outlet, connection kit						
Connection kit including Macab ME6 aerial R/TV outlet, serial 75 Ω, connections according to DIN 45330 and IEC 169-2. Terminated by 75 Ω terminal resistor, to be ordered separately (Art.No. 5954 120). Frequency range: 5–862 MHz Tap loss: 6 dB Through loss: 2.8 dB Material: PC/ABS.						
CYB-DC	White	84/51/84		1	7315885970595	5970 595

CTA accessories for CYB

Dust cap						
Dust cap 2xRJ45, to be used in mounting plates for two connectors where only one connector has been mounted. Can also be used in conjunction with a connector. Suitable for mounting plates CYB, for modular connectors of Lucent Tech. M-type. Material: Thermoplastic.						
CTA-BP1	White	18/6/20		10	7315885914179	5914 170
Blanking plug						
Blanking plug 2xRJ45, to be used in mounting plates for two connectors where only one connector has been mounted. Suitable for mounting plates CYB, for modular connectors of AMP type. Material: PC/ABS.						
CTA-BP2	Black	21/15/15		10	7315885914162	5914 160

CYB

Accessories

Accessories for CYB						
Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
Mounting frames, low voltage						
Mounting frame, low, with 80 mm front opening. To be screw-mounted on installation boxes c/c 60 mm. The mounting frame is also prepared for installation together with mini trunking type TMK-1020. Intended for low voltage mounting kits CYB-BK. Material: PC/ABS.						
CYB-MF1L	White NCS	90/23/90		1	7315885971165	5971 160
Mounting frame, low, with 80 mm front opening. To be screw-mounted on installation boxes c/c 71 or 84 mm. The mounting frame is also prepared for installation together with mini trunking type TMK-1020. Intended for low voltage mounting kits CYB-BK and power-current mounting frame CYB-AD1. Material: PC/ABS.						
CYB-MF2L	White NCS	90/23/174		1	7315885971172	5971 170
Mounting frame, high, with 80 mm front opening. To be screw-mounted on walls without installation boxes. Intended for low voltage mounting kits CYB-BK and power-current mounting frame CYB-AD1. Material: PC/ABS.						
CYB-MF1H	White NCS White RAL 9010 Alu metallic	90/42/90		1	7315880095699 7315880095705 7315880104391	5971 165 5971 166 5971 168
CYB-MF2H	White NCS	90/42/174		1	7315880095729	5971 175
Protective casing						
Protective casing to be mounted on the back of the mounting frame, for protection of data connectors and cable connections. Intended for low voltage mounting kits CYB-BK1 and -BK2. See also Compatibility on page 65. Material: PP.						
CYB-RK high	Red	63/38/63		10	7315885971202	5971 200
CYB-RK low	Red	63/26/60		10	7315880053255	5971 205
Surface mounting frame						
Surface mounting frame, to be mounted on the wall together with low voltage mounting kits CYB-BK3 and CYB-BK4 to provide an extra height of 25 mm. Material: ASA.						
CYB-RF	White NCS	84/26.5/84		1	7315885971158	5971 150
Junction box						
Junction box including cover and strain relief devices. To be used as a traditional junction box for distribution of terminal groups, etc. Material: PC/ABS.						
CYB-BJ	White RAL 9010 White RAL 1013	84/84/44		1	7315880095071 7315880095088	5976 001 5976 002
Indicating lamp						
Indicating lamp 0.9 mA intended for CYB power-current switches. Material: PA (casing).						
CYB-GL2	—	16/25/39		5	7315880075134	5972 105
Terminal block						
Terminal block for push-in connection, 16A/250V, 3x2.5 mm ² . Intended for CYB-PB, CYB-PR and 4-module CYB-PN. Material: Casing = PPO, connector part = brass, tin coated.						
CYB-PT	White	10/10/14		10	7315885972209	5972 200
Screw pillar						
Screw pillar for Phillips cross-slotted screw No. 1. Used to mount screw-fixed standard outlets c/c 60 mm. Intended for boxes CYB-S40 and CYB-D40. Material: PA6, 30% glass-fibre.						
CYB-P3	Natural	11/43/10		20	7315880052265	5961 506
Marking kit						
Marking kit including label window and label. Intended for CYB low voltage and single power current devices with a marking option. Material: PMMA.						
CYB-LW2	—	12/67/4		10	7315885951365	5951 365

Accessories for CYB

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
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Fibre spool

P64405



Fibre spool intended to handle remaining fibre cable when terminating. Provided with velcro-fastening for mounting on wall or in installation boxes. Capacity: 4 m, 900 mm fibre cable. Material: PEHD.

CYB-FS	Natural	Ø50/14	10	7315885971233	5971 230
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Protective casing for fibre optics

P1919



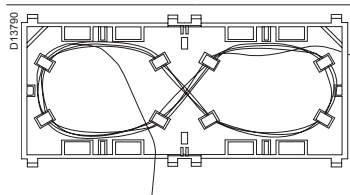
Protective casing to be mounted in service carriers with front F80®, together with two CYB low-voltage connection or mounting kits. Also compatible with protective casing CYB-RK, low design. Including removable partition wall, which can be used to separate fibre and copper cables.

Provided with eight cable exits on the long sides. There are also two cable exits on the short sides; one that is angled at 45°, to allow mounting of several casings next to each other, and one adapted to the BICC Brand-Rex Blolite system, including nipple. Bending radius >30 mm. A bending radius of 10 times the cable diameter is normally recommended, i.e. in this case a cable diameter of 3 mm at the most.

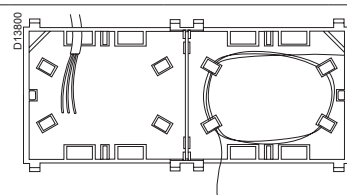
CYB-DF allows installation to satisfy the preliminary standard EN50174-2.

Material: PP.

CYB-DF	White	79/39/168	10	7315885971226	5971 220
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Fibre capacity max. 4 m cable, diameter 0.9 mm, when using the entire coiling space.



Fibre capacity max. 2 m cable, diameter 0.9 mm, when using half the coiling space.

CYB-RK – Compatibility

CYB-RK protective casing cannot be mounted together with connectors marked “no” in the table below.

Connector type	CYB-RK <i>high</i> with mounting kit		CYB-RK <i>low</i> with mounting kit	
	BK1 angled	BK2 flat	BK1 angled	BK2 flat
Alcatel	yes	yes	yes	no
AMP 2x8-position modular jack UTP	yes	yes	yes	no
AMP 110 Con 2x8-position modular jack STP	yes	yes	yes	no
AMP 110 Con 2x8-position modular jack UTP	yes	yes	yes	no
AMP 1xSC duplex	yes	no	yes	no
1xBNC TNC	yes	yes	yes	no
2xBNC TNC	yes	yes	yes	no
1xDIN 3/8	yes	yes	yes	yes
2xDIN 3/8	yes	yes	yes	yes
1xD-sub 9	yes	yes	yes	yes
1xD-sub 15	yes	yes	yes	yes
1xD-sub 25	yes	yes	yes	no
1xEAE-1R, -1ER	yes	no	yes	no
2xEAE-2R, -2ER	yes	no	yes	no
1xF	yes	yes	yes	yes
2xF	yes	yes	yes	yes
IBM type 2 1xIBM	yes	yes	yes	no
IBM type 1 1xIBM + 1x8-position modular jack AMP	yes	yes	yes	no
ITT-Cannon	yes	yes	yes	yes
Actassi 125 UTP/STP	yes	yes	yes	no
Actassi 250 UTP/STP	yes	yes	yes	no
Lucent 2x8-position modular jack STP	yes	yes	yes	no
Lucent 2x8-position modular jack UTP	yes	yes	yes	no
R&M 1x8-position modular jack UTP	yes	yes	yes	no
R&M 2x8-position modular jack UTP	yes	yes	yes	no
R&M 1x8-position modular jack STP	yes	yes	yes	no
R&M 2x8-position modular jack STP	yes	yes	yes	no
R&M FreeNet 8-p modular	yes	yes	yes	no
Siemon Mx	yes	yes	yes	no
Siemon Mx duplex SC/SC	yes	no	yes	no
1xST	yes	no	yes	no
2xST	yes	no	yes	no
T&B 2x8-position modular jack STP	yes	yes	yes	no
T&B 2x8-position modular jack UTP	yes	yes	yes	no
Thinnet Tap AMP*	—	yes	—	no
2xTwinax	yes	yes	yes	yes
1xXLR	yes	yes	yes	yes

* Only flat mounting.

MIB



The MIB system includes boxes and accessories, adapted to Thorsman service carriers with front cover F80®.

- MIB-A1 is a single installation box for devices with a c/c distance of 60 mm, MIB-A2 a double box for devices with a c/c distance of 71 mm. MIB-A1 and -A2 are also available in kits including two insulating pieces. These kits are called MIB-A1D3 and -A2D3 respectively.
- MIB-J is a junction box to be hooked onto the side of MIB-A1 and MIB-A2. This means that the junction box can be covered by a front cover piece to get a nice appearance (see fig. 1 to the left).
- MIB-FA1 is a frame adapted to CEE-outlets with c/c 60 mm hole distance. With label window.

Approvals

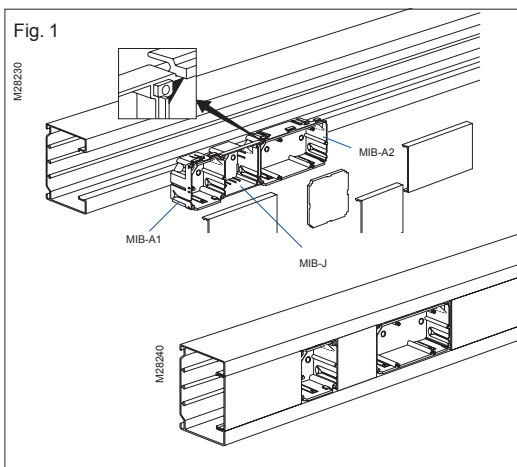
SEMKO, NEMKO, FIMKO, KEMA, VDE.

Material data

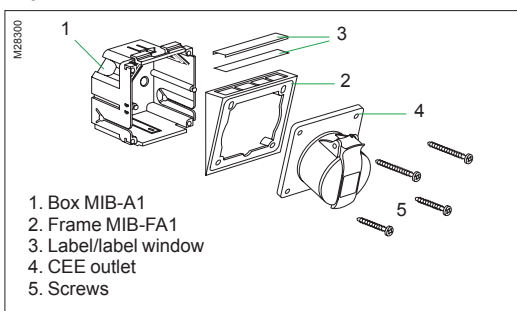
Material	PC/ABS
Density	1.14 g/cm ³
Volume resistivity	>10 ¹³ Ω cm
Fire rating	UL 94 V-0 (1.6 mm, halogen-free)
Water absorption	0.6%
Colour, boxes	White
Colour spec., frame	White NCS 0701-G46Y
Material	PA6
Density	1.19 g/cm ³
Volume resistivity	>10 ¹⁵ Ω cm
Fire rating	UL 94 V-2 (halogen-free)
Water absorption	2.8%
Colour	White

Operative data




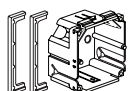
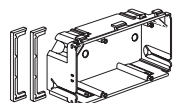


Suitable outdoors	No
Degree of protection	IP20



Exploded view



MIB Boxes & accessories

Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
Installation boxes						
Single and double installation box including strain relief devices. Intended for mounting of standard devices in service carriers with front F80. Can be combined with junction box MIB-J. Material: PC/ABS.						
 P61512	White	79/45/71		10	7315885586154	5586 150
 P61511	White	79/45/142		5	7315880079798	5586 155
Installation box kits						
Installation box kit including single or double installation box MIB-A1 with strain relief devices and two insulating pieces MIB-D3. Intended for mounting of standard devices in service carriers with front F80. Can be combined with junction box MIB-J. Material: PC/ABS.						
 P80580	White	79/45/77.5		10	7315880113805	5586 152
 P83461	White	79/45/148.5		5	7315880114833	5586 157
Junction box						
Junction box with cover, intended for mounting in combination with installation boxes MIB-A1 and MIB-A2. Material: PA6.						
 P61522	White/red	71/40/93		10	7315885586161	5586 160
Frame						
Frame with label window, intended for CEE devices with a c/c distance of 60 mm. To be mounted in MIB-A1 by means of four included screws. Material: PC/ABS.						
 P61426	White NCS	84/84/23		1	7315880090557	5586 211