



# ABB wiring ducts

Allied to your business

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**NEW**



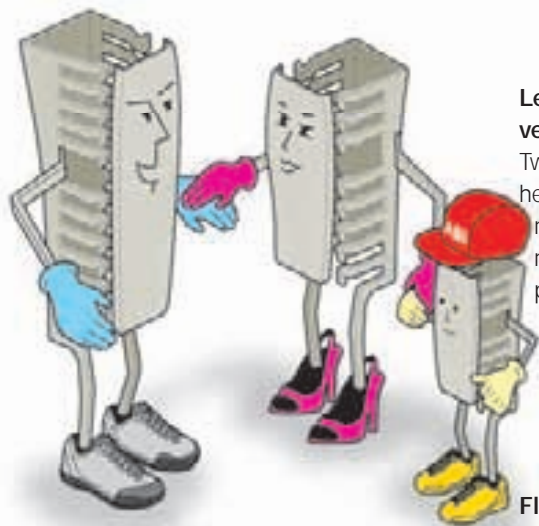


# Whatever you need, ABB has got what you're looking for.

*For cabling in electrical switchboards and cabinets, ABB Sace has the wiring ducts you need for every application: with slots or with knock-outs, flexible and in lead-free and halogen-free thermoplastics. The first on the market to be awarded the EN 50085-2-3 conformity, ABB wiring ducts are now available in new versions that are even more practical, safer and faster to install. Discover the new features.*

**Easy closing of covers**

**Better robustness**

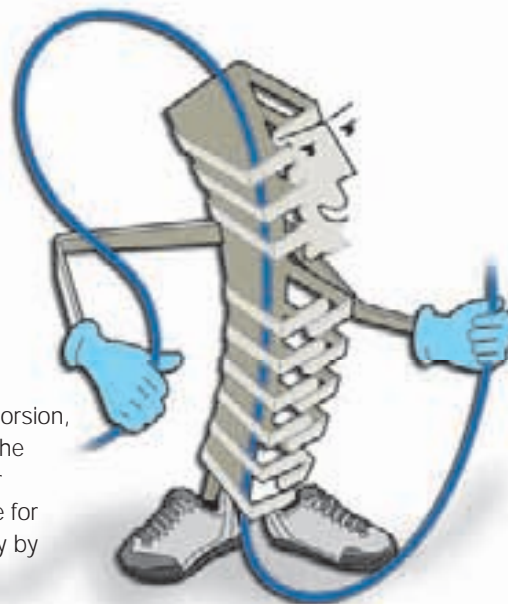


### Lead-free thermoplastic ducts with vertical slots 8-12 / 4-6 mm

Twenty-eight combinations of base and height, up to 150 mm x 100 mm when you need plenty of space for your cables. The new cover and strong sides contain and protect cables, and the system features rapid installation and rib removal that won't hurt your hands.

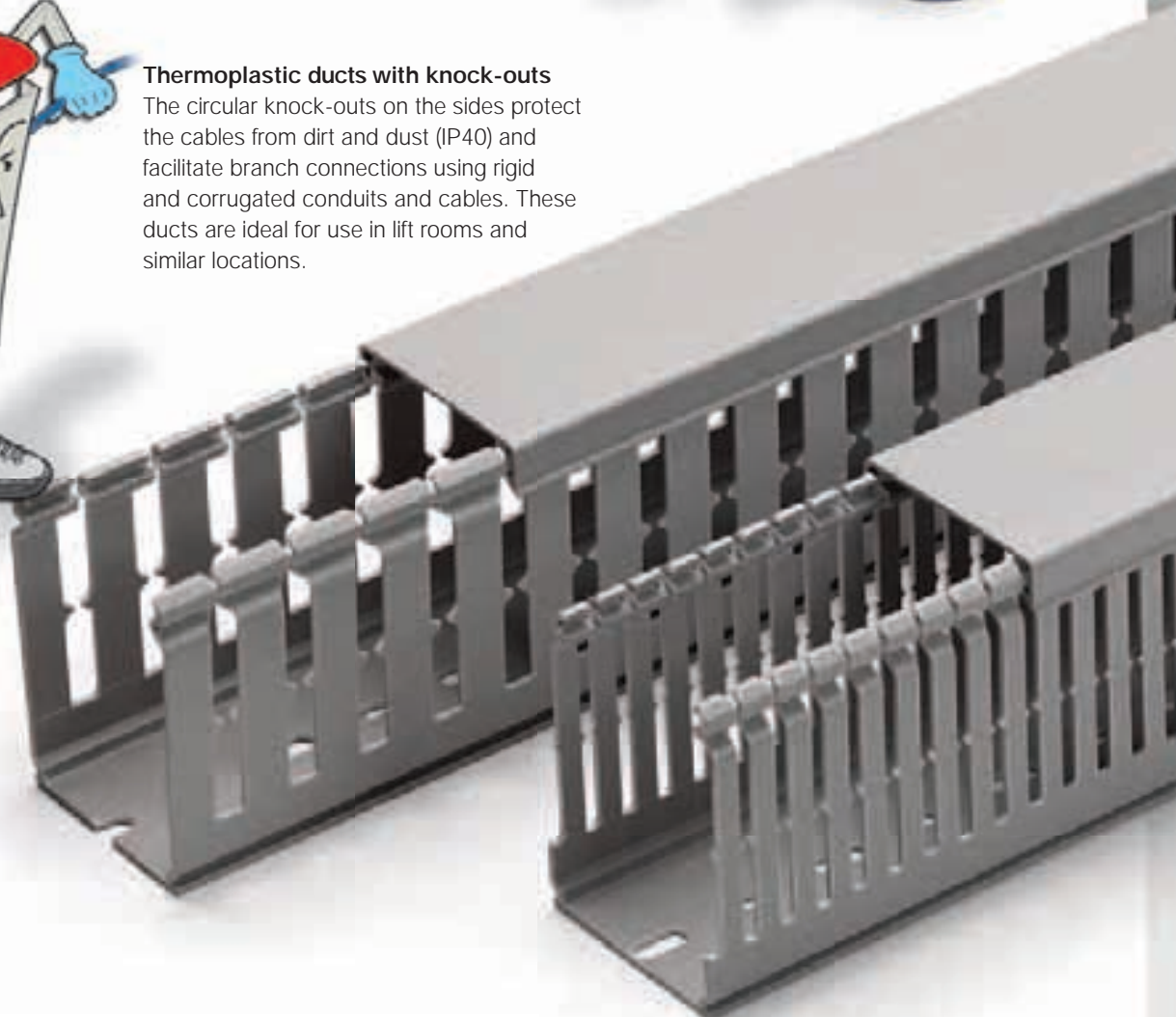
### Flexible thermoplastic ducts

For cabling routes that are subject to flexion and torsion, these ducts bend without breaking or damaging the cables inside. Affix them with screws and rivets or with the special high-bond adhesive tape (suitable for use even on steel). Add and remove cables simply by splaying open the ribs.



### Thermoplastic ducts with knock-outs

The circular knock-outs on the sides protect the cables from dirt and dust (IP40) and facilitate branch connections using rigid and corrugated conduits and cables. These ducts are ideal for use in lift rooms and similar locations.

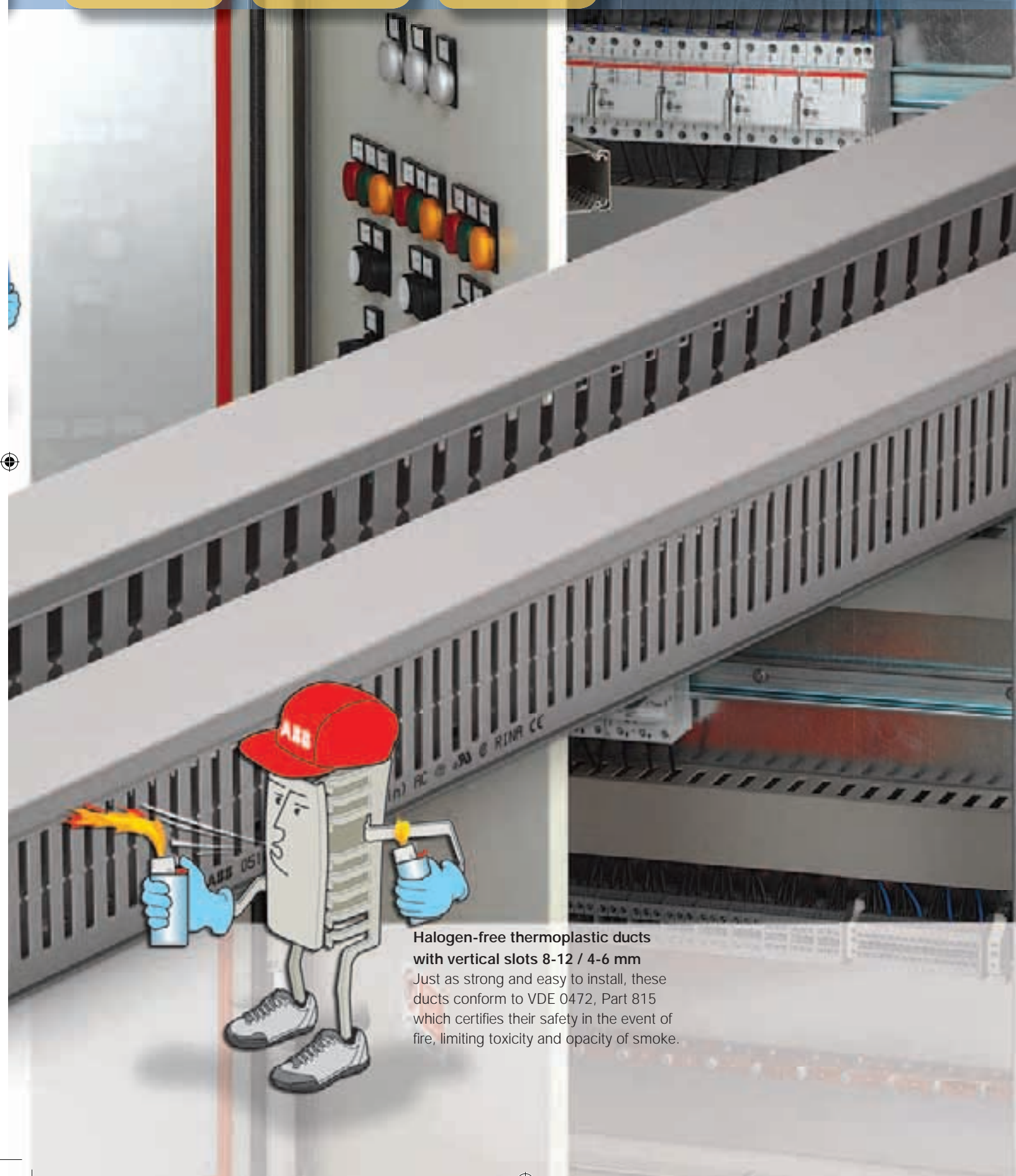




**Safety:**  
protects  
cables and  
operator

**Easy  
removal  
of ribs**

**Conforms  
to RoHS  
directive**



**Halogen-free thermoplastic ducts  
with vertical slots 8-12 / 4-6 mm**  
Just as strong and easy to install, these  
ducts conform to VDE 0472, Part 815  
which certifies their safety in the event of  
fire, limiting toxicity and opacity of smoke.



## Lead-free thermoplastic ducts

### With 8-12 / 4-6 mm slots

- shock-resistant and self-extinguishing thermoplastic in conformity with UL 94 V0 standard, resistant to abnormal heat and fire up to 960 °C (glow-wire test) in conformity with IEC 60695-2-1 standard
- minimum storage/transport temperature -5 °C
- minimum installation/use temperature -15 °C
- maximum use temperature +60 °C
- standard length 2 metres
- colour RAL 7030 grey
- conforms to EN 50085-2-3 standard
- conforms to RoHS directive
- lead-free
- certifications: IMQ - UL - CSA - RINA

### Flexible

- shock-resistant and self-extinguishing thermoplastic in conformity with UL 94 V0 standard, resistant to permanent temperature of 80 °C and peaks of up to 110 °C in conformity with IEC 216 standard
- standard length 500 millimetres
- colour RAL 7040 grey
- conforms to RoHS directive

### With knock-outs

- shock-resistant and self-extinguishing thermoplastic in conformity with UL 94 V0 standard, resistant to abnormal heat and fire up to 960 °C (glow-wire test) in conformity with IEC 60695-2-1 standard
- dimensional stability from -20 to +60 °C
- standard length 2 metres
- colour RAL 7030 grey
- conforms to RoHS directive

### Wiring ducts with vertical slots

Article		Dimensions W x H (mm)	No. metres in pack
<b>8-12 mm slot</b>	<b>4-6 mm slot</b>		
05 019	05 119	15 x 17	46
05 033	05 133	25 x 30	58
05 035	05 135	40 x 30	38
05 037	05 137	60 x 30	52
05 043	05 143	25 x 40	48
05 045	05 145	40 x 40	30
05 047	05 147	60 x 40	40
05 049	05 149	80 x 40	32
05 051	05 151	100 x 40	24
05 053	05 153	120 x 40	20
05 063	05 163	25 x 60	34
05 065	05 165	40 x 60	22
05 067	05 167	60 x 60	32
05 069	05 169	80 x 60	24
05 071	05 171	100 x 60	20
05 073	05 173	120 x 60	14
05 083	05 183	25 x 80	28
05 085	05 185	40 x 80	36
05 087	05 187	60 x 80	24
05 089	05 189	80 x 80	16
05 091	05 191	100 x 80	16
05 093	05 193	120 x 80	12
05 094	05 194	25x100	20
05 095	05 195	40x100	28
05 096	05 196	60x100	20
05 097	05 197	80x100	14
05 098	05 198	100x100	8
05 099	05 199	150x100	8

### Flexible wiring ducts

Article	Dimensions W x H (mm)	No. pieces
05 400	12.5 x 12.5	112
05 402	16 x 16	84
05 405	20 x 20	112
05 410	25 x 25	70
05 415	30 x 30	50
05 420	40 x 40	50
05 425	50 x 50	32

### Wiring ducts with knock-outs

Article	Dimensions W x H (mm)	No. metres in pack
05 330	50 x 50	36
05 331	100 x 60	18

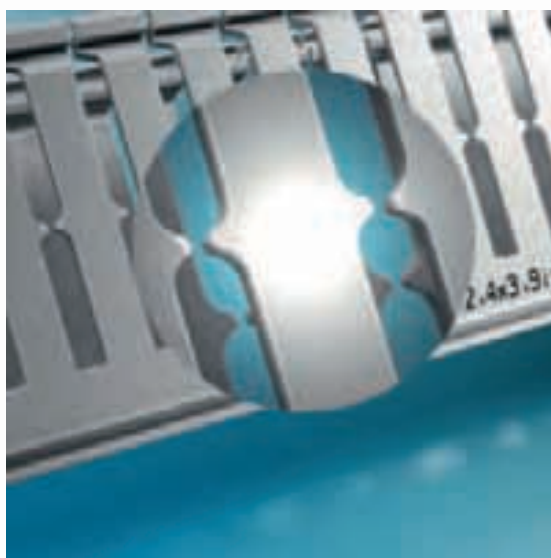
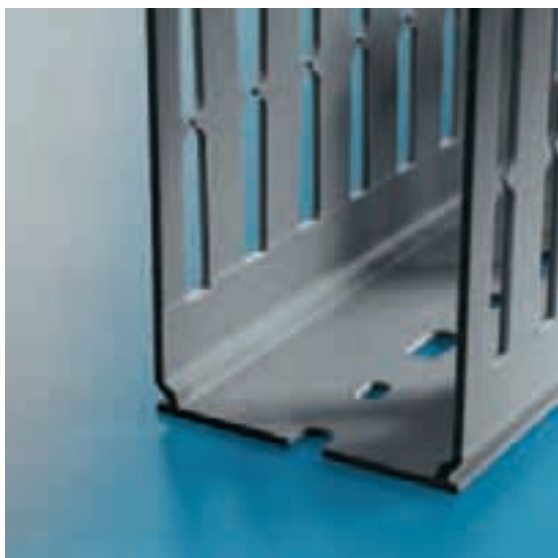
### Fix-O-Rapid

Article	Description (mm)	No. pieces box/pack
<b>Rapid fixing for DIN rail</b>		
05 250	Duct width 25	20/600
05 252	Duct width 40	20/600
05 254	Duct width 60	20/600
05 256	Duct width 80	20/240
05 258	Duct width 100	20/240
05 260	Duct width 120	20/240
05 262	Duct width 150	20/240
<b>Rapid fixing for mounting plate</b>		
05 270	Duct width 25	20/600
05 272	Duct width 40	20/600
05 274	Duct width 60	20/600
05 276	Duct width 80	20/240
05 278	Duct width 100	20/240
05 280	Duct width 120	20/240
05 282	Duct width 150	20/240





# You want the best. We'll give it to you.



### The details that make the difference

Not one line is out of place: the pre-scored lines at the base of each rib and inside the duct's sides enable you to make clean, precise openings for passing cables.

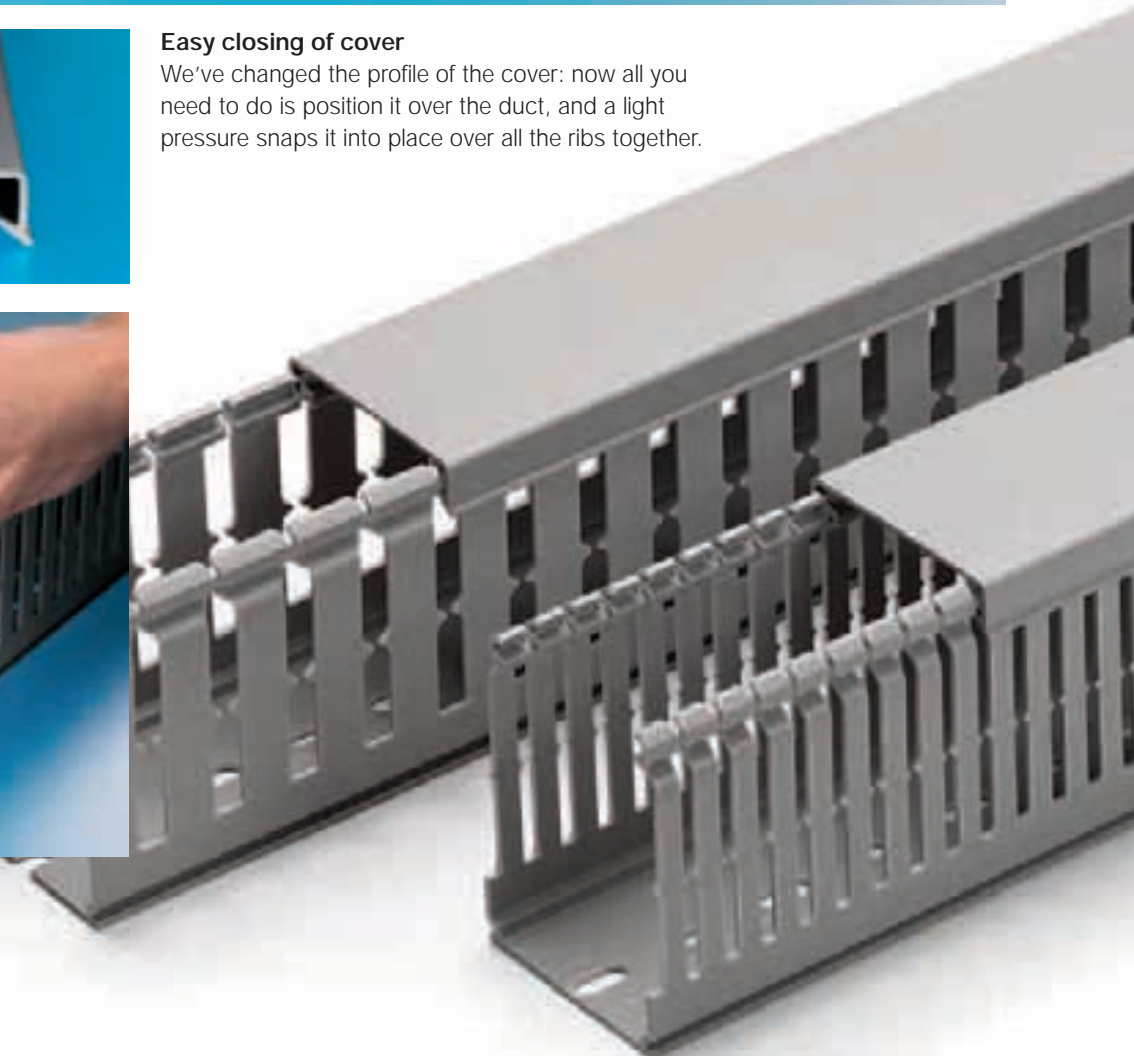
### Stronger and tougher

The duct is now even stronger to contain and support cables in whatever position it's installed.



### Easy closing of cover

We've changed the profile of the cover: now all you need to do is position it over the duct, and a light pressure snaps it into place over all the ribs together.







**Better and faster**

Attach the profile and remove the rib, repeat the operation and in just a few seconds you have your cabling done. And it's even faster and more precise with the special tools and accessories: the shears, the Fix-O-Rapid accessory for fixing to DIN rails and mounting plates, and the rivet fastener.



**Total safety**

We know how you work. You can't afford to make mistakes or lose time, and that's why we develop materials and shapes that protect both you and your installations. You can handle our ducts practically and safely: the ribs bend up to around 90° without breaking and, like all other parts, they are free from burrs or sharp edges that could lead to abrasions on hands and cables.





# Halogen-free thermoplastic ducts



## With 8-12 / 4-6 mm slots

- halogen free thermoplastic in conformity with VDE 0472 standard Part 815: Br + Cl < 0.2 %, F < 0.1 %
- toxic smoke index: 25.78 in conformity with NF X70-100 and NF F16-101 standards
- opacity of smoke\*:  
Dm 352.2 (2 mm)  
V0F4 475.8 (2 mm) in conformity with NF X10-702 standard (NF F16-101 reference)
- based on the values obtained in the opacity and toxicity tests of smoke, the material belongs to **class F2** (in conformity with NF F16-101 standard)
- insulating, shock-resistant and self-extinguishing thermoplastic in conformity with UL 94 V0 standard, resistant to abnormal heat and fire up to 850 °C (glow-wire test) in conformity with IEC 60695-2-1 standard
- dimensional stability from -40 to +100 °C
- standard length 2 m
- colour RAL 7035 grey
- conforms to EN 50085-2-3 standard
- conforms to RoHS directive

\* in the event of fire, it is extremely important that the degree of opacity of smoke during the first 4 minutes is as reduced as possible in order to allow evacuation of persons from areas at risk

Article		Dimensions W x H (mm)	No. metres in pack
8-12 mm slot	4-6 mm slot		
1SL9019A00	1SL9119A00	15x17	46
1SL9033A00	1SL9133A00	25x30	58
1SL9035A00	1SL9135A00	40x30	38
1SL9037A00	1SL9137A00	60x30	52
1SL9043A00	1SL9143A00	25x40	48
1SL9045A00	1SL9145A00	40x40	30
1SL9047A00	1SL9147A00	60x40	40
1SL9049A00	1SL9149A00	80x40	32
1SL9051A00	1SL9151A00	100x40	24
1SL9053A00	1SL9153A00	120x40	20
1SL9063A00	1SL9163A00	25x60	34
1SL9065A00	1SL9165A00	40x60	22
1SL9067A00	1SL9167A00	60x60	32
1SL9069A00	1SL9169A00	80x60	24
1SL9071A00	1SL9171A00	100x60	20
1SL9073A00	1SL9173A00	120x60	14
1SL9083A00	1SL9183A00	25x80	28
1SL9085A00	1SL9185A00	40x80	36
1SL9087A00	1SL9187A00	60x80	24
1SL9089A00	1SL9189A00	80x80	16
1SL9091A00	1SL9191A00	100x80	16
1SL9093A00	1SL9193A00	120x80	12





Due to possible developments of standards as well as of materials, the characteristics and dimensions specified in the present catalogue may only be considered binding after confirmation by ABB SACE.

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