

MPRX® 331 / MPRX® 331 FLEXISHIP® 0.6/1 (1.2) kV

FIRE RESISTANT POWER CABLES

Beskrivelse

Application

MPRX®331 type is used on board of ships for fixed installations, not subject to mechanical risks, complying with IEC 60092-352 and in safety circuits, where fire resistance is required. MPRX® 331 FLEXISHIP is used for installation in narrow space and in particular for connexions.

MPRX®331 and MPRX® 331 FLEXISHIP® types meet the IEC 60331-21 and also 60331-1 or 2 fire resistant performances during 90 minutes, withstand the IEC 60332-3-22 fire test on bunched cables and perform to the SOLAS requirements.

Design

1. **Conductor:**
Stranded bare copper, class 2 or class 5 for FLEXISHIP®
2. **Insulation**
Mica tape + XLPE (cross-linked polyethylene)
Optional: Special fire resistant HF 90 (halogen-free compound) with INFIT™ technology up to 4 mm²
3. **Outer sheath:**
(Filler if necessary)
Polyolefin SHF1 (SHF2 on request)
Colour: orange



Standarder

International IEC 60331-1 or 2;
 IEC 60092-350; IEC 60092-353;
 IEC 60092-360; IEC 60228;
 IEC 60331-21 ; IEC 60332-3-22;
 IEC 60754-1; IEC 60754-2;
 IEC 61034

Core identification

- 1 core : black
- 2 cores : brown - blue
- 3 x : brown - black - grey
- 3 G: brown - blue - green/yellow
- 4 x : brown - black - grey - blue
- 4 G: brown - black - grey - green/yellow

Marking

I NEXANS I MPRX 331 or MPRX 331 FLEXISHIP "n" x (orG) "s" 0.6/1 kV 90°C
 IEC 60092-353 IEC 60332-3-22 Cat. A IEC 60331-1/21 "ww/yy" * CE*

+ metric marking

							
Halogen fri IEC 60754-1	Mærkespænding Uo/U 0.6/ 1 (1.2) kV	Brandhæmmende IEC 60332-3 Cat.A	Brand sikkerhed IEC 60331-21, IEC 60331-1 or 2	Røg tæthed IEC 61034	Korrosive gasser IEC 60754-2	Giftig røg Nej	Maksimal kerne temperatur 90 °C

MPRX® 331 / MPRX® 331 FLEXISHIP® 0.6/1 (1.2) kV

Tekniske data

Konstruktion	
Halogen fri	IEC 60754-1
Kappe farve	Orange
Elektriske egenskaber	
Mærkespænding U ₀ /U	0.6/ 1 (1.2) kV
Håndteringsinformation	
Brandhæmmende	IEC 60332-3 Cat.A
Brand sikkerhed	IEC 60331-21, IEC 60331-1 or 2
Røg tæthed	IEC 61034
Korrosive gasser	IEC 60754-2
Giftig røg	Nej
Maksimal kerne temperatur	90 °C
Drifttemperatur, område	-30 .. 80 °C

Produktliste

☎ = Opret bestilling, 📦 = Tilføj til lager

Nexans ref.	Antal af ledere	Leder tværsnit (mm²)	Minimum ydre diameter (mm)	Maksimal ydre diameter (mm)	Ca. vægt (kg/km)	Leder fleksibilitet
☎ 2540xxxx	1	16	8,4	9,8	210	Stranded class 2
☎ 25403857	1	25	10,0	12,5	310	Stranded class 2
☎ 2540xxxx	1	35	11,0	13,5	410	Stranded class 2
☎ 2540xxxx	1	35	11,5	13,5	400	Stranded class 5
☎ 25403859	1	50	12,0	15,0	560	Stranded class 2
☎ 2540xxxx	1	50	13,5	15,5	580	Stranded class 5
☎ 25403860	1	70	14,0	17,5	780	Stranded class 2
☎ 2540xxxx	1	70	15,5	17,5	780	Stranded class 5
☎ 25403861	1	95	16,5	19,5	1030	Stranded class 2
☎ 25404045	1	95	17,5	20,0	1060	Stranded class 5
☎ 25404031	1	120	19,0	21,5	1290	Stranded class 2

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MPRX® 331 / MPRX® 331 FLEXISHIP® 0.6/1 (1.2) kV

Nexans ref.	Antal af ledere	Leder tværsnit (mm²)	Minimum ydre diameter (mm)	Maksimal ydre diameter (mm)	Ca. vægt (kg/km)	Leder fleksibilitet
☎ 2540xxxx	1	120	19,0	21,5	1350	Stranded class 5
☎ 2540xxxx	1	150	21,5	24,5	1640	Stranded class 5
☎ 2540xxxx	1	185	23,0	26,0	1980	Stranded class 2
☎ 2540xxxx	1	185	23,5	26,5	2010	Stranded class 5
☎ 2540xxxx	1	240	27,5	30,5	2560	Stranded class 5
☎ 25403163	2	1,5	7,6	9,0	90	Stranded class 2
☎ 25404036	2	2,5	8,6	10,5	100	Stranded class 2
☎ 2540xxxx	2	4	9,6	11,5	140	Stranded class 2
☎ 2540xxxx	2	6	12,0	14,0	270	Stranded class 2
☎ 2540xxxx	2	10	13,5	15,5	380	Stranded class 2
☎ 2540xxxx	2	16	15,5	18,0	560	Stranded class 2
☎ 2540xxxx	2	25	19,0	21,5	850	Stranded class 2
☎ 2540xxxx	2	35	21,5	24,0	1110	Stranded class 2
☎ 2540xxxx	2	35	22,0	25,0	1140	Stranded class 5
☎ 2540xxxx	2	50	24,5	27,5	1520	Stranded class 2
☎ 2540xxxx	2	50	26,5	29,5	1600	Stranded class 5
☎ 25403164	3	1,5	8,2	9,4	100	Stranded class 2
☎ 25403165	3	2,5	9,4	11,0	140	Stranded class 2
☎ 2540xxxx	3	4	10,5	12,5	200	Stranded class 2
☎ 2540xxxx	3	6	12,5	14,5	330	Stranded class 2
☎ 2540xxxx	3	10	14,5	16,5	480	Stranded class 2

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 Halogen fri
 IEC 60754-1

 Mærkespænding
 Uo/U
 0.6/ 1 (1.2) kV

 Brandhæmmende
 IEC 60332-3
 Cat.A

 Brand sikkerhed
 IEC 60331-21, IEC
 60331-1 or 2

 Røg tæthed
 IEC 61034

 Korrosive
 gasser
 IEC 60754-2

 Giftig røg
 Nej

 Maksimal kerne
 temperatur
 90 °C

MPRX® 331 / MPRX® 331 FLEXISHIP® 0.6/1 (1.2) kV

Nexans ref.	Antal af ledere	Leder tværsnit (mm²)	Minimum ydre diameter (mm)	Maksimal ydre diameter (mm)	Ca. vægt (kg/km)	Leder fleksibilitet
☎ 2540xxxx	3	16	17,0	19,5	730	Stranded class 2
☎ 2540xxxx	3	25	20,5	23,5	1110	Stranded class 2
☎ 25404023	3	35	23,0	26,0	1460	Stranded class 2
☎ 2540xxxx	3	35	24,0	27,0	1380	Stranded class 5
☎ 25404025	3	50	26,0	29,0	2000	Stranded class 2
☎ 2540xxxx	3	50	28,0	31,0	1900	Stranded class 5
☎ 25404027	3	70	29,0	32,0	2570	Stranded class 2
☎ 25404046	3	70	32,0	35,5	2850	Stranded class 5
☎ 25404029	3	95	32,0	35,5	3360	Stranded class 2
☎ 25404047	3	95	36,5	41,0	3790	Stranded class 5
☎ 2540xxxx	3	120	35,0	39,0	4180	Stranded class 2
☎ 25404042	3	120	40,0	44,5	4680	Stranded class 5
☎ 2540xxxx	3	150	41,5	46,0	4900	Stranded class 5
☎ 25403166	4	1,5	9,0	10,5	130	Stranded class 2
☎ 25403167	4	2,5	10,0	12,0	180	Stranded class 2
☎ 2540xxxx	4	4	11,5	13,5	260	Stranded class 2
☎ 2540xxxx	4	6	14,0	16,0	420	Stranded class 2
☎ 2540xxxx	4	10	16,0	18,0	610	Stranded class 2
☎ 2540xxxx	4	16	18,5	21,0	930	Stranded class 2
☎ 2540xxxx	4	25	23,0	26,0	1420	Stranded class 2
☎ 25404024	4	35	25,5	29,0	1880	Stranded class 2

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MPRX® 331 / MPRX® 331 FLEXISHIP® 0.6/1 (1.2) kV

Nexans ref.	Antal af ledere	Leder tværsnit (mm²)	Minimum ydre diameter (mm)	Maksimal ydre diameter (mm)	Ca. vægt (kg/km)	Leder fleksibilitet
☎ 25404040	4	35	26,5	30,0	1910	Stranded class 5
☎ 25404041	4	50	31,5	35,0	2670	Stranded class 5
☎ 2540xxxx	4	70	32,5	36,0	3510	Stranded class 2
☎ 2540xxxx	4	70	35,5	39,5	3620	Stranded class 5

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Halogen fri
IEC 60754-1



Mærkespænding
Uo/U
0.6/ 1 (1.2) kV



Brandhæmmende
IEC 60332-3
Cat.A



Brand sikkerhed
IEC 60331-21, IEC
60331-1 or 2



Røg tæthed
IEC 61034



Korrosive
gasser
IEC 60754-2



Giftig røg
Nej



Maksimal kerne
temperatur
90 °C