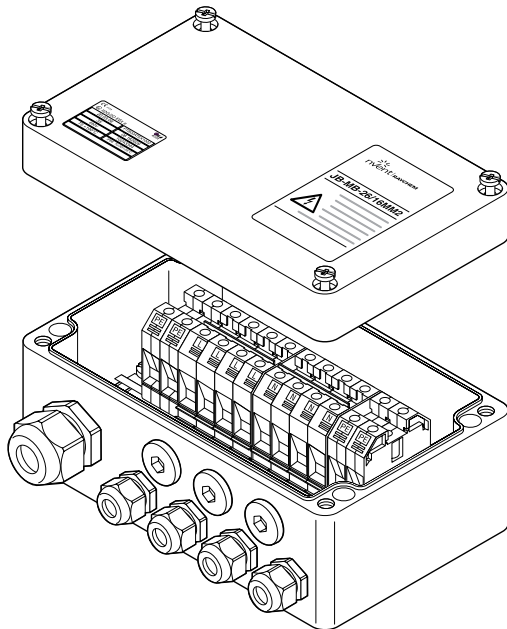
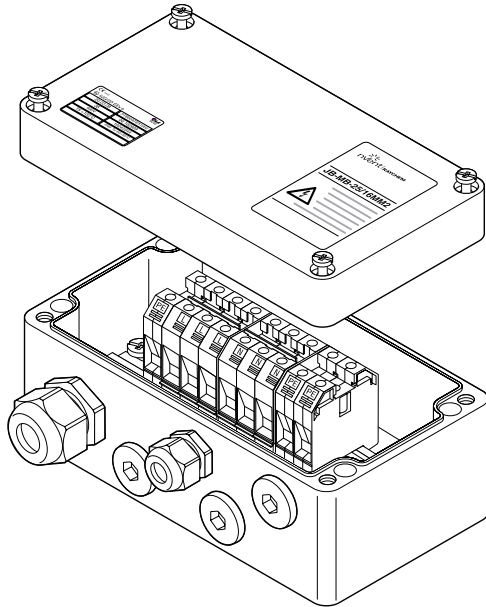


# JB-MB-25/16MM2 AND JB-MB-26/16MM2

## MARSHALLING BOX



Both connection boxes are ATEX approved polyester marshalling boxes that can be used in hazardous areas.

The nVent RAYCHEM JB-MB-25/16MM2 is intended to split a power cable into a maximum of four subsequent heat-tracing feeders, while the JB-MB-26/35MM2 allows the connection of maximum seven subsequent heat-tracing feeders. They are particularly suited for powering multiple short heat-tracing circuits from a single supply point, typically in instrumentation areas or where the power infrastructure is limited.

Cable connection is accomplished via DIN rail mounted screw terminals that allow the connection of a wide range of cable cross sections. The terminals are already equipped with the necessary terminal jumpers to minimize installation time.

Both boxes can be wall mounted via the four holes moulded in base of each box.

The JB-MB-25/16MM2 can also be pipe mounted with a standard support bracket.

**TYPICAL USE**

JB-MB-25/16MM2	JB-MB-26/16MM2
Marshalling box	Marshalling box

**ENTRIES**

1 x M32	1 x M32
4 x M25	7 x M25

**KIT CONTENTS**

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>1 junction box with Weidmüller screw terminals on DIN rail, two sets bridged per three and three earth terminals,</li> <li>1 M32 Hazardous area approved cable gland for power cables with Ø of 14 to 21 mm,</li> <li>1 M25 Hazardous area approved cable gland for power cables with Ø of 8 to 15mm,</li> <li>3 M25 stopping plugs</li> </ul> | <ul style="list-style-type: none"> <li>1 junction box with Weidmüller screw terminals on DIN rail, two sets bridged per four and four earth terminals,</li> <li>1 M32 Hazardous area approved cable gland for power cables with Ø of 14 to 21 mm,</li> <li>4 M25 Hazardous area approved cable glands for power cables with Ø of 8 to 15mm,</li> <li>3 M25 stopping plugs</li> </ul> |
|---|--|

**APPROVALS**

PTB 00 ATEX 1002

II 2G/D EEx e II T6 IP66



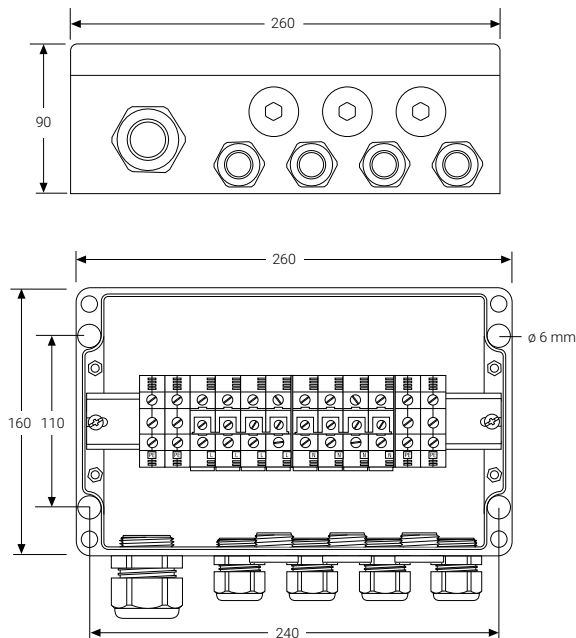
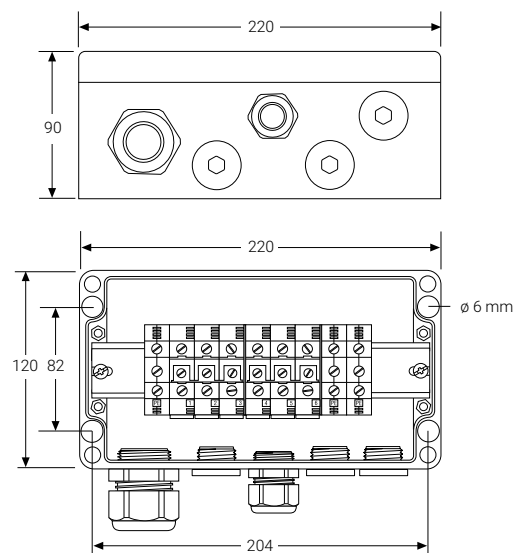
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 Ex tb IIIC T85°C...T135°C Db  
 Ta -55°C...+55°C IP66  
 000 "TexИмпорт"

PTB 00 ATEX 1002

II 2G/D EEx e II T6 IP66



TC RU C-BE.MIO62.B.00054/18  
 1Ex d e mb ia (ia) IIC T6...T4 Gb  
 Ex tb IIIC T85°C...T135°C Db  
 Ta -55°C...+55°C IP66  
 000 "TexИмпорт"

**DIMENSIONS (IN MM)**

**MATERIALS OF CONSTRUCTION**

	JB-MB-25/16MM2	JB-MB-26/16MM2
Box & lid	Glass filled polyester	Glass filled polyester
Sealing gasket	Silicone rubber	Silicone rubber
Lid fixing screws	Stainless steel (captive)	Stainless steel (captive)

**INGRESS PROTECTION**

IP66	IP66
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**AMBIENT TEMPERATURE RANGE**

-55°C to +55°C	-55°C to +55°C
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**TERMINALS**

Quantity & type	9 pcs Weidmüller screw terminals, bridged per 3, 6 x WDU16, 3 x WPE16, Max. 8 fully loaded phase/neutral terminals; max. 12 terminals in total	12 pcs Weidmüller screw terminals, bridged per 4, 8 x WDU16 and 4 x WPE16, Max. 10 fully loaded phase/neutral terminals; max. 15 terminals in total
Labelling	1, 2, 3, 4, 5, 6 and PE	L, N and P.E.
Minimum conductor size	1.5 mm² stranded & solid	1.5 mm² stranded & solid
Maximum conductor size	25 mm² stranded, 16 mm² solid	25 mm² stranded, 16 mm² solid

**MAXIMUM OPERATING VOLTAGE**

690 V a.c.	690 V a.c.
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**MAXIMUM OPERATING CURRENT**

50A	50A
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**ACCESSORIES (TO BE ORDERED SEPARATELY)**

Support bracket PN	SB-125 165886-000	N.A. (wall mounting)
M25 Power cable gland PN	GL-55-M25 (1 included) 774424-000	GL-55-M20 (4 included) 774424-000
M32 Power cable gland PN	GL-45-M32 (included) 1244-000847	GL-45-M32 (included) 1244-000847
M25 Stopping plug PN	HWA-PLUG-M25-PLASTIC (3 included) 434994-000	HWA-PLUG-M25-PLASTIC (3 included) 434994-000
16 mm² Phase terminal PN	HWA-WDM-PHASE-16 (6 included) 1244-006992	HWA-WDM-PHASE-16 (8 included) 1244-006992
16 mm² Earth terminal PN	HWA-WDM-EARTH-16 (3 included) 1244-006993	HWA-WDM-EARTH-16 (4 included) 1244-006993
Terminal jumper for bridging 2 terminals PN	HWA-WDM-JUMPER-16-2 1244-006997	HWA-WDM-JUMPER-16-2 1244-006997
Terminal jumper for bridging 3 terminals PN	HWA-WDM-JUMPER-16-3 1244-006998	HWA-WDM-JUMPER-16-3 1244-006998
Terminal jumper for bridging 4 terminals PN	HWA-WDM-JUMPER-16-4 1244-006999	HWA-WDM-JUMPER-16-4 1244-006999
Endplate PN	HWA-WDM-PLATE 124-007004	HWA-WDM-PLATE 1244-007004

**ORDERING DETAILS**

Order reference	JB-MB-25/16MM2	JB-MB-26/16MM2
Part number (Weight)	1244-006656 (0.9 kg)	1244-006657 (1.9 kg)

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