



Room integrity set type RAS



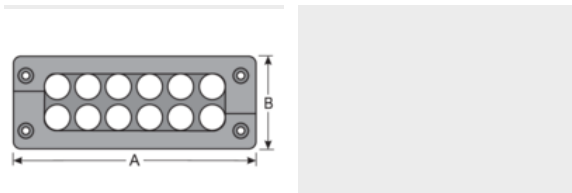
Product information

The RAS Room integrity set is used in conjunction with the KDL/C or KDL/D and KDL/H cable entry plates. Because the system can be split apart the RAS room integrity system can be completely retrofitted on the inside of the housing. The fire protection mat reacts at temperatures exceeding 160°C (320 °F) by expanding and thereby closing off the opening completely fire resistant.

Special benefits of the RAS room integrity system are:

- Approved for railway technology (EN 45545-2 / 3x HL3 / NFPA 130)
- Room integrity (firewall)
- Completely splittable system
- Quick and easy assembly

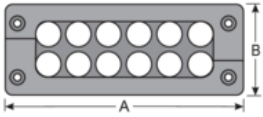
Information, conformities and approvals



| Article | Order No. | Color | Suitable for | Cut-out | PU pcs. |
|-----------|-----------|-------|--------------|---------|---------|
| RAS 24/12 | 87141111 | Black | KDL/D 24/12 | 24-pole | 1 |
| RAS 24/9 | 87141123 | Black | KDL/D 24/9 | 24-pole | 1 |
| RAS 24/8 | 87141119 | Black | KDL/D 24/8 | 24-pole | 1 |
| RAS 24/4 | 87141115 | Black | KDL/D 24/4 | 24-pole | 1 |
| RAS 16/8 | 87141127 | Black | KDL/D 16/8 | 16-pole | 1 |
| RAS 16/7 | 87141131 | Black | KDL/D 16/7 | 16-pole | 1 |
| RAS 16/3 | 87141135 | Black | KDL/D 16/3 | 16-pole | 1 |
| RAS 16/2 | 87141133 | Black | KDL/D 16/2 | 16-pole | 1 |
| RAS 10/6 | 87141137 | Black | KDL/D 10/6 | 10-pole | 1 |
| RAS 10/5 | 87141143 | Black | KDL/D 10/5 | 10-pole | 1 |
| RAS 10/2 | 87141140 | Black | KDL/D 10/2 | 10-pole | 1 |
| RAS 6/4 | 87141145 | Black | KDL/D 6/4 | 6-pole | 1 |



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| Article | Order No. | Installation height mm | A mm | B mm |
|----------|-----------|---------------------------|---------|---------|
| RAS 24/9 | 87141123 | 15 | 148 | 58 |
| RAS 24/8 | 87141119 | 15 | 148 | 58 |
| RAS 24/4 | 87141115 | 15 | 148 | 58 |
| RAS 16/8 | 87141127 | 15 | 121 | 58 |
| RAS 16/7 | 87141131 | 15 | 121 | 58 |
| RAS 16/3 | 87141135 | 15 | 121 | 58 |
| RAS 16/2 | 87141133 | 15 | 121 | 58 |
| RAS 10/6 | 87141137 | 15 | 101 | 58 |
| RAS 10/5 | 87141143 | 15 | 101 | 58 |
| RAS 10/2 | 87141140 | 15 | 101 | 58 |
| RAS 6/4 | 87141145 | 15 | 74 | 58 |

Material properties



Frame: Polyamide 6 Polyamide 6

Fire properties



Fire properties as per EN 45545-2

C.I.T. R22 / R23 HL3 :0,44 EN 17084
Ds (max.) R22 / R23 HL3 :≥ 32 % ISO 4589-2
LOI R22 / R23 HL3 :59 ISO 5659-2



Resistant to:

Alcohol
Greases
Fuels
Lyes
Mineral oils



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Fire properties

| Mineral oils

Technical information



Halogen-free



LABS free



UV-resistant acc. to ISO 4892-2

Approvals and operating permits



EU railway approval

Classification

ETIM 9: EC002671
ECLASS 14: 27401003