
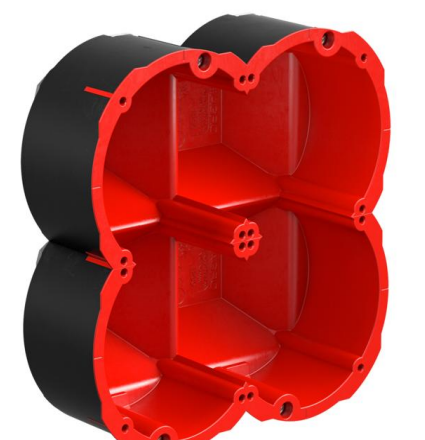



Fire protection technology

		
<p>One-gang box HWD 68</p> <ul style="list-style-type: none"> for EI 30 - EI 90 fire-protection walls also for directly opposing installation minimum wall thickness 100 mm can be combined with each other and with the one-gang junction box <p>Order number: 9463-02</p> <p>Depth: 49 mm Cut hole Ø: 68 mm For panel thicknesses up to: 40 mm</p>	<p>One-gang junction box HWD 68</p> <ul style="list-style-type: none"> for EI 30 - EI 90 fire-protection walls also for directly opposing installation minimum wall thickness 125 mm combinable with each other and with the one-gang box <p>Order number: 9464-02</p> <p>Depth: 62 mm Cut hole Ø: 68 mm For panel thicknesses up to: 40 mm</p>	<p>Support connector</p> <ul style="list-style-type: none"> for through-wiring of combinations to IP 3X standard air-tight smoke-tight For Art. Nos. 9463-02, 9464-02, 9069-03, 9069-04 <p>Order number: 9060-68</p>
		
<p>One-gang box HWD 90</p> <ul style="list-style-type: none"> for fire-protection walls EI30 - EI20 also for installation shafts/installation channels I30 - I90 <p>Order number: 9463-01</p> <p>Depth: 44 mm Cut hole Ø: 74 mm For panel thickness: 7 - 40 mm</p>	<p>One-gang junction box HWD 90</p> <ul style="list-style-type: none"> for fire-protection walls EI30 - EI20 also for installation shafts/installation channels I30 - I90 <p>Order number: 9464-01</p> <p>Depth: 54,5 mm Cut hole Ø: 74 mm For panel thickness: 7 - 40 mm</p>	<p>Quickbox Maxi HWD 90 1x1</p> <p>Fire protection cavity wall box</p> <ul style="list-style-type: none"> for EI 30 - EI 90 fire-protection walls VKF Approval 26831 also for opposing installation for plate thickness 7 - 40 mm matching plug-in cover for Art. No. 9498-77 New Look one Art. No. 9919.10 for device screws Ø 3 mm max. tightening torque 0.5 Nm Pipes must be sealed with sealing plugs! <p>Order number: 9499-77</p> <p>Combination: 1x1 Cut hole Ø: 83 mm Tube entries up to M25: 2</p>
		
<p>Quickbox Maxi HWD 90 2x2</p> <p>Fire protection cavity wall box</p> <ul style="list-style-type: none"> for EI 30 - EI 90 fire-protection walls VKF Approval 26831 also for opposing installation for plate thickness 7 - 40 mm matching plug-in cover for Art. No. 9498-77 New Look one Art. No. 9919.10 for device screws Ø 3 mm max. tightening torque 0.5 Nm Pipes must be sealed with sealing plugs! <p>Order number: 9499-77.02</p> <p>Combination: 2x1 Cut hole Ø: 83 mm Tube entries up to M25: 2</p>	<p>Quickbox Maxi HWD 90 3x1</p> <p>Fire protection cavity wall box</p> <ul style="list-style-type: none"> for EI 30 - EI 90 fire-protection walls VKF Approval 26831 also for opposing installation for plate thickness 7 - 40 mm matching plug-in cover for Art. No. 9498-77 New Look one Art. No. 9919.10 for device screws Ø 3 mm max. tightening torque 0.5 Nm Pipes must be sealed with sealing plugs! <p>Order number: 9499-77.03</p> <p>Combination: 3x1 Cut hole Ø: 83 mm Tube entries up to M25: 2</p>	<p>Quickbox Maxi HWD 90 2x2</p> <p>Fire protection cavity wall box</p> <ul style="list-style-type: none"> for EI 30 - EI 90 fire-protection walls VKF Approval 26831 also for opposing installation for plate thickness 7 - 40 mm matching plug-in cover for Art. No. 9498-77 New Look one Art. No. 9919.10 for device screws Ø 3 mm max. tightening torque 0.5 Nm Pipes must be sealed with sealing plugs! <p>Order number: 9499-77.04</p> <p>Combination: 2x2 Cut hole Ø: 83 mm Tube entries up to M25: 4</p>
		
<p>Quickbox Maxi HWD 90 3x2</p> <p>Fire protection cavity wall box</p> <ul style="list-style-type: none"> for EI 30 - EI 90 fire-protection walls VKF Approval 26831 also for opposing installation for plate thickness 7 - 40 mm matching plug-in cover for Art. No. 9498-77 New Look one Art. No. 9919.10 for device screws Ø 3 mm max. tightening torque 0.5 Nm Pipes must be sealed with sealing plugs! <p>Order number: 9499-77.06</p> <p>Combination: 3x2 Cut hole Ø: 83 mm Tube entries up to M25: 4</p>	<p>Quickbox HWD 90 1x1</p> <ul style="list-style-type: none"> for EI 30 - EI 90 fire-protection walls VKF approval 21042 also for opposing installation for plate thickness 7 - 40 mm matching plug-in cover for Art. No. 9498-77 New Look one Art. No. 9919.10 for device screws Ø 3 mm max. tightening torque 0.5 Nm <p>Order number: 9498-77</p> <p>Combination: 1x1 Cut hole Ø: 83 mm Length: 83 mm</p>	<p>Quickbox HWD 90 2x1</p> <p>Fire protection cavity wall box</p> <ul style="list-style-type: none"> for EI 30 - EI 90 fire-protection walls VKF approval 21042 also for opposing installation for plate thickness 7 - 40 mm matching plug-in cover for Art. No. 9498-77 New Look one Art. No. 9919.10 for device screws Ø 3 mm max. tightening torque 0.5 Nm <p>Order number: 9498-77.02</p> <p>Combination: 2x1 Cut hole Ø: 83 mm Length: 145 mm</p>
		
<p>Quickbox HWD 90 3x1</p> <p>Cavity wall box HWD 90</p> <ul style="list-style-type: none"> for EI 30 - EI 90 fire-protection walls VKF approval 21042 also for opposing installation for plate thickness 7 - 40 mm matching plug-in cover for Art. No. 9498-77 New Look one Art. No. 9919.10 for device screws Ø 3 mm max. tightening torque 0.5 Nm <p>Order number: 9498-77.03</p> <p>Combination: 3x1 Cut hole Ø: 83 mm Length: 205 mm</p>	<p>Support connector</p> <ul style="list-style-type: none"> for through-wiring of combinations to IP 3X standard air-tight to make air-tight combinations for Art. Nos. 9066-01/12, 9068-01, 9263-..., 9264-..., 9062-02/-77, 9062-94/-74, 9268-94/-74, 9266-22/-77 <p>Order number: 9060-78</p> <p>Halogen-free: Yes</p>	<p>Electronics box HWD 90</p> <ul style="list-style-type: none"> For cables and conduits up to M25 Also for use as a double box For EI30-EI120 fire-protection walls minimum wall thickness 100 mm For equipment inserts and electronic components Tunnel twin-chamber box with enclosed separator wall and cover that can be wallpapered over. Can be combined with each other and also with HWD 90 one-gang junction boxes <p>Order number: 9462-94</p> <p>For panel thickness: 7 - 40 mm Depth: 70 mm Cut hole Ø: 2 x 74 mm</p>
		
<p>Ceiling box HWD 30</p> <ul style="list-style-type: none"> for fire protection ceilings F30-F90 For F30 non-insulated fire-protection ceilings For F60 fire-protection ceilings backed with mineral insulation materials in compliance with EN 13501 part 1 for F90 fire-protection ceilings with Rockwool/Ferrock 100 <p>Order number: 9463-50</p> <p>Depth: 44 mm Cut hole Ø: 74 mm Fixing screw spacing: 60 mm</p>	<p>Ceiling junction box HWD 30</p> <ul style="list-style-type: none"> for fire protection ceilings F30-F90 For F30 non-insulated fire-protection ceilings For F60 fire-protection ceilings backed with mineral insulation materials in compliance with EN 13501 part 1 for F90 fire-protection ceilings with Rockwool/Ferrock 100 <p>Order number: 9464-50</p> <p>Depth: 54,5 mm Cut hole Ø: 74 mm Fixing screw spacing: 60 mm</p>	<p>Fire-protection cover HWD 30-120</p> <ul style="list-style-type: none"> For one-gang boxes/one-gang junction boxes and ceiling boxes HWD 90, HWD B15, HWD 30 and HWD 68 Fire resistance class in accordance with ceiling or wall protection (EI30-EI120) EI30-EI120 function in conjunction with the one-gang box/one-gang junction box HWD 90 EI30 function in conjunction with ceiling junction box HWD 30 EI30-EI60 function in connection with one-gang/one-gang junction box HWD 68 <p>Order number: 1184-94</p> <p>DBt approval: Z-19.21-1788</p>
		
<p>One-gang box HWD B15</p> <ul style="list-style-type: none"> for shipbuilding walls in the category B 15 interface <p>Order number: 9463-15</p> <p>Depth: 44 mm Cut hole Ø: 74 mm Combination distance through single separation of the pre-embossed edge: 71 mm</p>	<p>HWD B15 one-gang box for thin boarding</p> <ul style="list-style-type: none"> for shipbuilding walls in the category B 15 interface <p>Order number: 9463-14</p> <p>Depth: 44 mm Cut hole Ø: 74 mm Combination distance through single separation of the pre-embossed edge: 71 mm</p>	<p>One-gang box HWD B15 40 mm</p> <ul style="list-style-type: none"> for shipbuilding walls in the category B 15 interface <p>Order number: 9461-15</p> <p>Depth: 40 mm Cut hole Ø: 74 mm Combination distance through single separation of the pre-embossed edge: 71 mm</p>
		
<p>One-gang box HWD B15 for thin boarding 40 mm</p> <ul style="list-style-type: none"> for shipbuilding walls in the category B 15 interface <p>Order number: 9461-14</p> <p>Depth: 40 mm Cut hole Ø: 74 mm Combination distance through single separation of the pre-embossed edge: 71 mm</p>	<p>One-gang junction box HWD B15</p> <ul style="list-style-type: none"> for shipbuilding walls in the category B 15 interface <p>Order number: 9464-15</p> <p>Depth: 54,5 mm Cut hole Ø: 74 mm Combination distance through single separation of the pre-embossed edge: 71 mm</p>	<p>HWD B15 one-gang junction box for thin boarding</p> <ul style="list-style-type: none"> for shipbuilding walls in the category B 15 interface <p>Order number: 9464-14</p> <p>Depth: 54,5 mm Cut hole Ø: 74 mm Combination distance through single separation of the pre-embossed edge: 71 mm</p>