

Small enclosures KX – Product comparison



Terminal boxes KX, sheet steel	Terminal boxes KX, stainless steel	E-Box KX, sheet steel	
All enclosure panels may be taken directly from the packaging, without dismantling, and machined			
The support rails may optionally be fitted on the integral perforated mounting strip or, to maximise the enclosure depth, directly onto the rear wall of the enclosure		The mounting plate is simply attached from the front and secured to the integral perforated mounting strip in a space-saving solution	
The wall mounting brackets are easily secured from the outside with a self-tapping screw	There is no opening to the wall mounting for hygiene reasons, but the position is prepunched and can be drilled without having to measure and mark out	The wall mounting brackets are easily secured from the outside with a self-tapping screw	
A QR code on the enclosure, door or cover and mounting plate allows seamless monitoring, from receipt of the incoming goods through to delivery of the finished product			
Earthing points accessible from the front facilitate fast, secure mounting of the earth straps			
The mini cam lock may be fitted without using tools, and ensures that the cover is securely seated and centred when latching		The 180° hinges are already prefitted on the door and ready to use, the cam locks may be attached without the use of tools, and the door is easily fitted	
The three-phase surface treatment provides optimum protection against corrosion and is resistant to mineral oils, lubricants, machining emulsions and many solvents	Stainless steel 1.4301 (AISI 304) complies with maximum hygiene and corrosion protection requirements	The three-phase surface treatment provides optimum protection against corrosion and is resistant to mineral oils, lubricants, machining emulsions and many solvents	
from page 56	from page 230	from page 64	

Small enclosures KX – Product comparison



E-Box KX, stainless steel	Bus enclosures KX, sheet steel	Bus enclosures KX, stainless steel
All enclosure panels may be taken directly from the packaging, without dismantling, and machined		
The mounting plate is simply attached from the front and secured to the integral perforated mounting strip in a space-saving solution	The support rails may optionally be fitted on the integral perforated mounting strip or, to maximise the enclosure depth, directly onto the rear wall of the enclosure	
There is no opening to the wall mounting for hygiene reasons, but the position is prepunched and can be drilled without having to measure and mark out	The wall mounting brackets are easily secured from the outside with a self-tapping screw	There is no opening to the wall mounting for hygiene reasons, but the position is prepunched and can be drilled without having to measure and mark out
A QR code on the enclosure, door or cover and mounting plate allows seamless monitoring, from receipt of the incoming goods through to delivery of the finished product		
Earthing points accessible from the front facilitate fast, secure mounting of the earth straps		
The 180° hinges are prefitted on the door/cover and ready to use, the cam locks may be attached without the use of tools, and the door/cover is easily fitted		
Stainless steel 1.4301 (AISI 304) and stainless steel 1.4404 (AISI 316L), meets maximum hygiene and corrosion protection requirements	The three-phase surface treatment provides optimum protection against corrosion and is resistant to mineral oils, lubricants, machining emulsions and many solvents	Stainless steel 1.4301 (AISI 304) meets maximum hygiene and corrosion protection requirements
from page 232	from page 70	from page 234

Small enclosures KX – Product overview



		Terminal boxes KX				
Width mm	Height x depth mm	Model No.		Model No.		
		Material	Sheet steel	Sheet steel	Stainless steel	
		Version	Without gland plate	With gland plate	Without gland plate	
150	150 x 80		1514.000	-	1560.000	
200			1528.000	-	-	
300			1515.000	-	1561.000	
150	150 x 120		1500.000	-	1564.000	
200			1529.000	-	-	
300			1501.000	1530.000	-	
400			1589.000	-	-	
200	200 x 80		1516.000	-	1562.000	
300			1517.000	-	1563.000	
400			1518.000	-	-	
200	200 x 120		1502.000	-	1565.000	
300			1503.000	1531.000	1566.000	
400			1504.000	1532.000	1568.000	
500			1505.000	1533.000	-	
600			1506.000	-	-	
800			1527.000	-	-	
400	200 x 155		-	-	-	
150	300 x 80		-	-	-	
200			-	-	-	
150	300 x 120		-	-	-	
200			-	-	-	
300			1507.000	1535.000	1567.000	
400			1508.000	1536.000	1569.000	
500			1509.000	1537.000	-	
600			1510.000	1538.000	-	
200	300 x 155		-	-	-	
300			-	-	-	
380			-	-	-	
400			-	-	-	
600			-	-	-	
800			-	-	-	
200	400 x 80		-	-	-	
200	400 x 120		-	-	-	
300			-	-	-	
400			1511.000	1539.000	-	
600			1512.000	1540.000	-	
800		1513.000	1541.000	-		
300	400 x 155		-	-	-	
200	500 x 120		-	-	-	
300	600 x 155		-	-	-	
300	800 x 155		-	-	-	
from page			56	59	230	

Small enclosures KX – Product overview



		E-Box KX			Bus enclosures KX		
Width mm	Model No.	Sheet steel	Stainless steel 1.4301 (AISI 304)	Stainless steel 1.4404 (AISI 316L)	Sheet steel	Stainless steel	
		-	-	-	-	-	
150	1551.000	-	-	-	-	-	
200	-	-	-	-	-	-	
300	-	-	-	-	-	-	
150	1553.000	-	-	-	-	-	
200	-	-	-	-	-	-	
300	-	-	-	-	-	-	
400	-	-	-	-	-	-	
200	1546.000	-	-	-	-	-	
300	-	-	-	-	-	-	
400	-	-	-	-	-	-	
200	1549.000	-	-	-	-	-	
300	-	-	-	-	-	-	
400	-	-	-	-	-	1585.000	
500	-	-	-	-	-	-	
600	-	-	-	-	-	1586.000	
800	-	-	-	-	-	-	
400	-	-	-	-	1610.000	-	
150	1545.000	-	-	-	-	-	
200	1552.000	-	-	-	-	1583.000	
150	1548.000	-	-	-	-	-	
200	1554.000	1584.000	-	-	-	-	
300	1555.000	-	-	-	-	-	
400	-	-	-	-	-	-	
500	-	-	-	-	-	-	
600	-	-	-	-	-	-	
200	1574.000	1587.000	1301.000	-	-	-	
300	1575.000	-	-	-	-	-	
380	1576.000	1588.000	-	-	-	-	
400	-	-	-	1611.000	-	-	
600	-	-	-	1612.000	-	-	
800	-	-	-	1613.000	-	-	
200	1547.000	-	-	-	-	-	
200	1550.000	-	-	-	-	-	
300	1556.000	-	-	-	-	-	
400	-	-	-	-	-	-	
600	-	-	-	-	-	-	
800	-	-	-	-	-	-	
300	1577.000	-	-	-	-	-	
200	1557.000	-	-	-	-	-	
300	1578.000	-	-	-	-	-	
300	1579.000	-	-	-	-	-	
		64	232	232	70	234	

Terminal boxes KX – Added precision



Precision

- The mini cam lock is very simple to operate. A quarter of a turn is sufficient to correctly centre the cover while locking; this ensures all-round air-tight positioning.



Ease of assembly

- The standard eyelet in the rear panel allows rapid screw-fastening of the wall mounting bracket from the outside with a self-tapping screw; no need for a lock nut on the inside. The high protection category is retained in full.



Space utilisation

- The support rails may optionally be fitted on the front of the integral perforated mounting strip or, to maximise the enclosure depth, directly onto the rear wall of the enclosure.



Potential equalisation

- Installation of the gland plate includes automatic potential equalisation. Contact is made by two self-tapping screws guided through special holes.



Small enclosures KX



System accessories Page 877 Terminal boxes KX, stainless steel Page 230 Ex enclosures Page 257 Hygienic Design Page 217

Material:

- Enclosure: Sheet steel
- Cover: Sheet steel, all-round foamed-in PU seal

Surface finish:

- Enclosure and cover: Dipcoat primed, powder-coated on the outside, textured paint

Colour:

- RAL 7035

Protection category IP to IEC 60 529:

- IP 66

NEMA protection category:

- NEMA 4

Supply includes:

- Enclosure with cover
- Mini cam locks

Approvals:

- UL
- cUL

Further approvals can be found on the Internet.

Terminal boxes KX, sheet steel, without gland plate

Width mm	Packs of	150	200	200	300	300	400	Page
Height mm		150	150	200	150	200	200	
Depth mm		80	80	80	80	80	80	
Material thickness of enclosure mm		1.25	1.25	1.25	1.25	1.25	1.25	
Material thickness of cover mm		1.25	1.25	1.25	1.25	1.25	1.25	
Model No.	1 pc(s).	1514.000	1528.000	1516.000	1515.000	1517.000	1518.000	
Weight kg		1.40	1.45	1.80	1.90	2.39	3.01	
Mini cam lock		4	4	4	4	4	4	

Accessories

Wall mounting bracket, for AX sheet steel, KX sheet steel	4 pc(s).	1590.010	1590.010	1590.010	1590.010	1590.010	1590.010	965
Pole clamp	2 pc(s).	2584.100	2584.100	2584.100	2584.100	2584.100	2584.100	968
Mounting plates	1 pc(s).	1560.800	1575.800	1562.800	1561.800	1563.800	1564.800	970
Support rails TS 35/7.5	10 pc(s).	2314.000	2315.000	2315.000	2316.000	2316.000	2317.000	997
Support rails TS 35/15		–	–	–	–	–	–	
Mounting clip for support rails	30 pc(s).	2309.000	2309.000	2309.000	2309.000	2309.000	2309.000	997
Mounting bracket	4 pc(s).	4597.000	4597.000	4597.000	4597.000	4597.000	4597.000	999
Rail mounting bracket	20 pc(s).	2365.000	2365.000	2365.000	2365.000	2365.000	2365.000	1002
Mounting claw for second mounting level	20 pc(s).	2309.100	2309.100	2309.100	2309.100	2309.100	2309.100	998
Cover hinge	6 pc(s).	1592.200	1592.200	1592.200	1592.200	1592.200	1592.200	951
Earth straps	5 pc(s).	2565.100	2565.100	2565.100	2565.100	2565.100	2565.100	1033
Baying kit		–	–	–	–	–	–	
Pressure relief stopper	5 pc(s).	2459.500	2459.500	2459.500	2459.500	2459.500	2459.500	900
Condensate discharge	6 pc(s).	2459.000	2459.000	2459.000	2459.000	2459.000	2459.000	900
Self-tapping screws	300 pc(s).	2487.000	2487.000	2487.000	2487.000	2487.000	2487.000	1004
Connector gland, small	5 pc(s).	2400.500	2400.500	2400.500	2400.500	2400.500	2400.500	1047

Terminal boxes KX, sheet steel, without gland plate

Width mm	Packs of	150	200	200	300	300	Page
Height mm		150	150	200	150	200	
Depth mm		120	120	120	120	120	
Material thickness of enclosure mm		1.25	1.25	1.25	1.25	1.25	
Material thickness of cover mm		1.25	1.25	1.25	1.25	1.25	
Model No.	1 pc(s).	1500.000	1529.000	1502.000	1501.000	1503.000	
Weight kg		1.46	1.75	2.13	2.32	2.69	
Mini cam lock		4	4	4	4	4	
Accessories							
Wall mounting bracket, for AX sheet steel, KX sheet steel	4 pc(s).	1590.010	1590.010	1590.010	1590.010	1590.010	965
Pole clamp	2 pc(s).	2584.100	2584.100	2584.100	2584.100	2584.100	968
Mounting plates	1 pc(s).	1560.800	1575.800	1562.800	1561.800	1563.800	970
Support rails TS 35/7.5	10 pc(s).	2314.000	2315.000	2315.000	2316.000	2316.000	997
Support rails TS 35/15		-	-	-	-	-	
Mounting clip for support rails	30 pc(s).	2309.000	2309.000	2309.000	2309.000	2309.000	997
Mounting bracket	4 pc(s).	4597.000	4597.000	4597.000	4597.000	4597.000	999
Rail mounting bracket	20 pc(s).	2366.000	2366.000	2366.000	2366.000	2366.000	1002
Mounting claw for second mounting level	20 pc(s).	2309.100	2309.100	2309.100	2309.100	2309.100	998
Cover hinge	6 pc(s).	1592.200	1592.200	1592.200	1592.200	1592.200	951
Earth straps	5 pc(s).	2565.050	2565.050	2565.050	2565.050	2565.050	1033
Baying kit	1 pc(s).	1199.100	1199.100	1199.100	1199.100	1199.100	916
Pressure relief stopper	5 pc(s).	2459.500	2459.500	2459.500	2459.500	2459.500	900
Condensate discharge	6 pc(s).	2459.000	2459.000	2459.000	2459.000	2459.000	900
Self-tapping screws	300 pc(s).	2487.000	2487.000	2487.000	2487.000	2487.000	1004
Connector gland, small	5 pc(s).	2400.500	2400.500	2400.500	2400.500	2400.500	1047

Terminal boxes KX, sheet steel, without gland plate

Width mm	Packs of	300	400	400	400	400	500	Page
Height mm		300	150	200	300	400	200	
Depth mm		120	120	120	120	120	120	
Material thickness of enclosure mm		1.25	1.25	1.25	1.25	1.25	1.25	
Material thickness of cover mm		1.25	1.25	1.25	1.25	1.25	1.25	
Model No.	1 pc(s).	1507.000	1589.000	1504.000	1508.000	1511.000	1505.000	
Weight kg		3.78	2.98	3.42	4.70	5.67	4.18	
Mini cam lock		4	4	4	4	4	4	
Accessories								
Wall mounting bracket, for AX sheet steel, KX sheet steel	4 pc(s).	1590.010	1590.010	1590.010	1590.010	1590.010	1590.010	965
Pole clamp	2 pc(s).	2584.100	2584.100	2584.100	2584.100	2584.100	2584.100	968
Mounting plates	1 pc(s).	1567.800	1576.800	1564.800	1568.800	1571.800	1565.800	970
Support rails TS 35/7.5	10 pc(s).	2316.000	2317.000	2317.000	2317.000	2317.000	-	997
Support rails TS 35/15	10 pc(s).	-	-	-	-	-	2318.000	997
Mounting clip for support rails	30 pc(s).	2309.000	2309.000	2309.000	2309.000	2309.000	2309.000	997
Mounting bracket	4 pc(s).	4597.000	4597.000	4597.000	4597.000	4597.000	4597.000	999
Rail mounting bracket	20 pc(s).	2366.000	2366.000	2366.000	2366.000	2366.000	2366.000	1002
Mounting claw for second mounting level	20 pc(s).	2309.100	2309.100	2309.100	2309.100	2309.100	2309.100	998
Cover hinge	6 pc(s).	1592.200	1592.200	1592.200	1592.200	1592.200	1592.200	951
Earth straps	5 pc(s).	2565.050	2565.050	2565.050	2565.050	2565.050	2565.050	1033
Baying kit	1 pc(s).	1199.100	1199.100	1199.100	1199.100	1199.100	1199.100	916
Pressure relief stopper	5 pc(s).	2459.500	2459.500	2459.500	2459.500	2459.500	2459.500	900
Condensate discharge	6 pc(s).	2459.000	2459.000	2459.000	2459.000	2459.000	2459.000	900
Self-tapping screws	300 pc(s).	2487.000	2487.000	2487.000	2487.000	2487.000	2487.000	1004
Connector gland, small	5 pc(s).	2400.500	2400.500	2400.500	2400.500	2400.500	2400.500	1047

Small enclosures KX

Terminal boxes KX, sheet steel, without gland plate

Width mm	Packs of	500	600	600	600	800	800	Page
Height mm		300	200	300	400	200	400	
Depth mm		120	120	120	120	120	120	
Material thickness of enclosure mm		1.25	1.25	1.25	1.25	1.25	1.25	
Material thickness of cover mm		1.25	1.25	1.25	1.25	1.25	1.25	
Model No.	1 pc(s).	1509.000	1506.000	1510.000	1512.000	1527.000	1513.000	
Weight kg		5.57	4.92	6.28	8.35	6.45	11.00	
Mini cam lock		4	6	6	6	6	6	
Accessories								
Wall mounting bracket, for AX sheet steel, KX sheet steel	4 pc(s).	1590.010	1590.010	1590.010	1590.010	1590.010	1590.010	965
Pole clamp	2 pc(s).	2584.100	2584.100	2584.100	2584.100	2584.100	2584.100	968
Mounting plates	1 pc(s).	1569.800	1566.800	1570.800	1572.800	1574.800	1573.800	970
Support rails TS 35/7.5		-	-	-	-	-	-	
Support rails TS 35/15	10 pc(s).	2318.000	2319.000	2319.000	2319.000	-	-	997
Mounting clip for support rails	30 pc(s).	2309.000	2309.000	2309.000	2309.000	2309.000	2309.000	997
Mounting bracket	4 pc(s).	4597.000	4597.000	4597.000	4597.000	4597.000	4597.000	999
Rail mounting bracket	20 pc(s).	2366.000	2366.000	2366.000	2366.000	2366.000	2366.000	1002
Mounting claw for second mounting level	20 pc(s).	2309.100	2309.100	2309.100	2309.100	2309.100	2309.100	998
Cover hinge	6 pc(s).	1592.200	1592.200	1592.200	1592.200	1592.200	1592.200	951
Earth straps	5 pc(s).	2565.050	2565.050	2565.050	2565.050	2565.050	2565.050	1033
Baying kit	1 pc(s).	1199.100	1199.100	1199.100	1199.100	1199.100	1199.100	916
Pressure relief stopper	5 pc(s).	2459.500	2459.500	2459.500	2459.500	2459.500	2459.500	900
Condensate discharge	6 pc(s).	2459.000	2459.000	2459.000	2459.000	2459.000	2459.000	900
Self-tapping screws	300 pc(s).	2487.000	2487.000	2487.000	2487.000	2487.000	2487.000	1004
Connector gland, small	5 pc(s).	2400.500	2400.500	2400.500	2400.500	2400.500	2400.500	1047





System accessories Page 877 **Terminal boxes KX, stainless steel** Page 230 **Ex enclosures** Page 257 **Hygienic Design** Page 217

Material:

- Enclosure: Sheet steel
- Cover: Sheet steel, all-round foamed-in PU seal

Surface finish:

- Enclosure and cover: Dipcoat primed, powder-coated on the outside, textured paint

Colour:

- RAL 7035

Protection category IP to IEC 60 529:

- IP 55

NEMA protection category:

- NEMA 12

Supply includes:

- Enclosure with cover
- Mini cam locks
- Sheet steel gland plates with seals and assembly parts

Approvals:

- UL
 - cUL
- Further approvals can be found on the Internet.

Terminal boxes KX, sheet steel, with gland plate

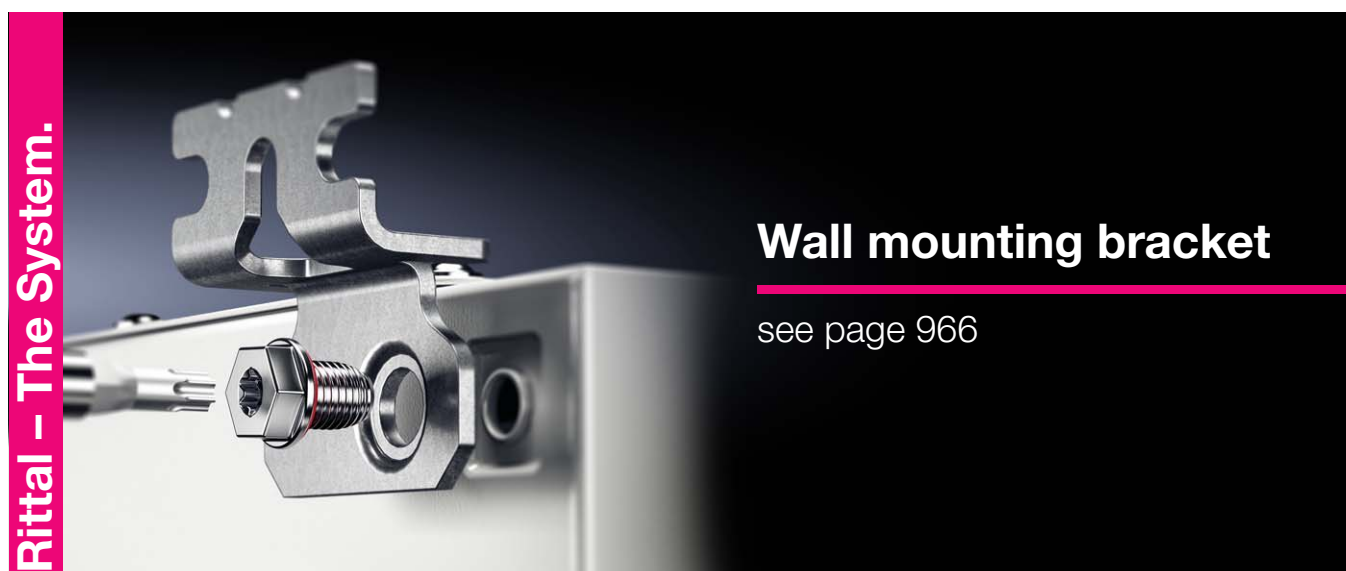
Width mm	Packs of	300	300	300	400	400	400	500	Page
Height mm		150	200	300	200	300	400	200	
Depth mm		120	120	120	120	120	120	120	
Material thickness of enclosure mm		1.25	1.25	1.25	1.25	1.25	1.25	1.25	
Material thickness of cover mm		1.25	1.25	1.25	1.25	1.25	1.25	1.25	
Model No.	1 pc(s).	1530.000	1531.000	1535.000	1532.000	1536.000	1539.000	1533.000	
Weight kg		2.62	3.12	4.47	3.82	5.40	6.61	4.73	
Mini cam lock		4	4	4	4	4	4	4	
Gland plate (top + bottom), quantity		1 + 1	1 + 1	1 + 1	1 + 1	1 + 1	1 + 1	2 + 2	
Gland plate (left + right), quantity		-	-	1 + 1	-	1 + 1	1 + 1	-	
Accessories									
Wall mounting bracket, for AX sheet steel, KX sheet steel	4 pc(s).	1590.010	1590.010	1590.010	1590.010	1590.010	1590.010	1590.010	965
Pole clamp	2 pc(s).	2584.100	2584.100	2584.100	2584.100	2584.100	2584.100	2584.100	968
Mounting plates	1 pc(s).	1561.800	1563.800	1567.800	1564.800	1568.800	1571.800	1565.800	970
Support rails TS 35/7.5	10 pc(s).	2316.000	2316.000	2316.000	2317.000	2317.000	2317.000	-	997
Support rails TS 35/15		-	-	-	-	-	-	-	
Mounting clip for support rails	30 pc(s).	2309.000	2309.000	2309.000	2309.000	2309.000	2309.000	2309.000	997
Mounting bracket	4 pc(s).	4597.000	4597.000	4597.000	4597.000	4597.000	4597.000	4597.000	999
Rail mounting bracket	20 pc(s).	2366.000	2366.000	2366.000	2366.000	2366.000	2366.000	2366.000	1002
Mounting claw for second mounting level	20 pc(s).	2309.100	2309.100	2309.100	2309.100	2309.100	2309.100	2309.100	998
Cover hinge	6 pc(s).	1592.200	1592.200	1592.200	1592.200	1592.200	1592.200	1592.200	951
Metal gland plates	1 pc(s).	1581.200	1581.200	1581.200	1581.200	1581.200	1581.200	1581.200	1054
Earth straps	5 pc(s).	2565.050	2565.050	2565.050	2565.050	2565.050	2565.050	2565.050	1033
Baying kit	1 pc(s).	1199.100	1199.100	1199.100	1199.100	1199.100	1199.100	1199.100	916
Pressure relief stopper	5 pc(s).	2459.500	2459.500	2459.500	2459.500	2459.500	2459.500	2459.500	900
Condensate discharge	6 pc(s).	2459.000	2459.000	2459.000	2459.000	2459.000	2459.000	2459.000	900
Self-tapping screws	300 pc(s).	2487.000	2487.000	2487.000	2487.000	2487.000	2487.000	2487.000	1004
Connector gland, small	5 pc(s).	2400.500	2400.500	2400.500	2400.500	2400.500	2400.500	2400.500	1047

Small enclosures KX

Terminal boxes KX, sheet steel, with gland plate

Width mm	Packs of	500	600	600	800	Page
Height mm		300	300	400	400	
Depth mm		120	120	120	120	
Material thickness of enclosure mm		1.25	1.25	1.25	1.25	
Material thickness of cover mm		1.25	1.25	1.25	1.25	
Model No.	1 pc(s).	1537.000	1538.000	1540.000	1541.000	
Weight kg		6.01	7.02	9.32	11.10	
Mini cam lock		4	6	6	6	
Gland plate (top + bottom), quantity		2 + 2	2 + 2	2 + 2	3 + 3	
Gland plate (left + right), quantity		1 + 1	1 + 1	1 + 1	1 + 1	

Accessories						
Wall mounting bracket, for AX sheet steel, KX sheet steel	4 pc(s).	1590.010	1590.010	1590.010	1590.010	965
Pole clamp	2 pc(s).	2584.100	2584.100	2584.100	2584.100	968
Mounting plates	1 pc(s).	1569.800	1570.800	1572.800	1573.800	970
Support rails TS 35/7.5		-	-	-	-	
Support rails TS 35/15	10 pc(s).	2318.000	2319.000	2319.000	-	997
Mounting clip for support rails	30 pc(s).	2309.000	2309.000	2309.000	2309.000	997
Mounting bracket	4 pc(s).	4597.000	4597.000	4597.000	4597.000	999
Rail mounting bracket	20 pc(s).	2366.000	2366.000	2366.000	2366.000	1002
Mounting claw for second mounting level	20 pc(s).	2309.100	2309.100	2309.100	2309.100	998
Cover hinge	6 pc(s).	1592.200	1592.200	1592.200	1592.200	951
Metal gland plates	1 pc(s).	1581.200	1581.200	1581.200	1581.200	1054
Earth straps	5 pc(s).	2565.050	2565.050	2565.050	2565.050	1033
Baying kit	1 pc(s).	1199.100	1199.100	1199.100	1199.100	916
Pressure relief stopper	5 pc(s).	2459.500	2459.500	2459.500	2459.500	900
Condensate discharge	6 pc(s).	2459.000	2459.000	2459.000	2459.000	900
Self-tapping screws	300 pc(s).	2487.000	2487.000	2487.000	2487.000	1004
Connector gland, small	5 pc(s).	2400.500	2400.500	2400.500	2400.500	1047



Rittal – The System.

Wall mounting bracket

see page 966

UL conformity

Guaranteed when Rittal accessory components are used



E-Box KX – Added time savings



Protection

- The deliberately slimline enclosure edge fold provides broad, secure contact with the seamless PU foam seal and helps preserve the protection category of IP 66.



Space

- The 180° door hinges create more space and improve access to the enclosure interior.



Ease of assembly

- The standard eyelet in the rear panel allows rapid screw-fastening of the wall mounting bracket from the outside with a self-tapping screw; no need for a lock nut on the inside. The high protection category is retained in full.



Speed

- The mounting plate and door may be taken straight from the packet and are ready for processing.



Small enclosures KX



System accessories Page 877 E-Box KX, stainless steel Page 232 Ex enclosures Page 257

Material:

- Enclosure: Sheet steel
- Door: Sheet steel, all-round foamed-in PU seal

Surface finish:

- Enclosure and door: Dipcoat-primed, powder-coated on the outside, textured paint
- Mounting plate: Zinc-plated

Colour:

- RAL 7035

Protection category IP to IEC 60 529:

- IP 66

Protection category NEMA:

- NEMA 4

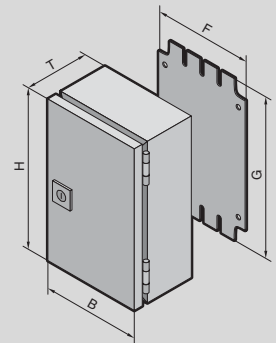
Supply includes:

- Enclosure with door
- Mounting plate
- Cam lock with 3 mm double-bit insert

Approvals:

- UL
- cUL

Further approvals can be found on the Internet.



E-Box KX, sheet steel, depth 80 mm

Width (B) mm	Packs of	150	150	200	200	200	Page
Height (H) mm		150	300	200	300	400	
Depth (T) mm		80	80	80	80	80	
Mounting plate width (F) mm		125	125	175	175	175	
Mounting plate height (G) mm		135	285	185	285	385	
Material thickness – enclosure mm		1.25	1.25	1.25	1.25	1.25	
Material thickness – door mm		1.25	1.25	1.25	1.25	1.25	
Material thickness – mounting plate mm		2.0	2.0	2.0	2.0	2.0	
Model No.	1 pc(s).	1551.000	1545.000	1546.000	1552.000	1547.000	
Weight kg		1.49	2.54	2.26	3.18	4.15	
Accessories							
Wall mounting bracket, for AX sheet steel, KX sheet steel	4 pc(s).	1590.010	1590.010	1590.010	1590.010	1590.010	965
Pole clamp	2 pc(s).	2584.100	2584.100	2584.100	2584.100	2584.100	968
Support rails TS 35/7.5	10 pc(s).	2314.000	2314.000	2315.000	2315.000	2315.000	997
Mounting clip for support rails	30 pc(s).	2309.000	2309.000	2309.000	2309.000	2309.000	997
Mounting bracket	4 pc(s).	4597.000	4597.000	4597.000	4597.000	4597.000	999
Rail mounting bracket	20 pc(s).	2365.000	2365.000	2365.000	2365.000	2365.000	1002
Mini-comfort handle AX for lock inserts or profile half-cylinders	1 pc(s).	2537.100	2537.100	2537.100	2537.100	2537.100	940
Mini-comfort handle AX for padlocks and lock inserts or profile half-cylinders	1 pc(s).	2537.300	2537.300	2537.300	2537.300	2537.300	940
Lock insert 7 mm square	1 pc(s).	2460.000	2460.000	2460.000	2460.000	2460.000	941
Lock insert 8 mm square	1 pc(s).	2461.000	2461.000	2461.000	2461.000	2461.000	941
Lock insert 7 mm triangular	1 pc(s).	2462.000	2462.000	2462.000	2462.000	2462.000	941
Lock insert 8 mm triangular	1 pc(s).	2463.000	2463.000	2463.000	2463.000	2463.000	941
Lock insert, screwdriver	1 pc(s).	2464.000	2464.000	2464.000	2464.000	2464.000	941
Lock insert Daimler	1 pc(s).	2465.000	2465.000	2465.000	2465.000	2465.000	941
Lock insert 3 mm double-bit	1 pc(s).	2466.000	2466.000	2466.000	2466.000	2466.000	941
Lock insert Fiat	1 pc(s).	2307.000	2307.000	2307.000	2307.000	2307.000	941
Lock insert 6.5 mm triangular	1 pc(s).	2460.650	2460.650	2460.650	2460.650	2460.650	941
Earth straps	5 pc(s).	2565.100	2565.100	2565.100	2565.100	2565.100	1033
Pressure relief stopper	5 pc(s).	2459.500	2459.500	2459.500	2459.500	2459.500	900
Condensate discharge	6 pc(s).	2459.000	2459.000	2459.000	2459.000	2459.000	900
Self-tapping screws	300 pc(s).	2487.000	2487.000	2487.000	2487.000	2487.000	1004
Connector gland, small	5 pc(s).	2400.500	2400.500	2400.500	2400.500	2400.500	1047

Rittal – The System.



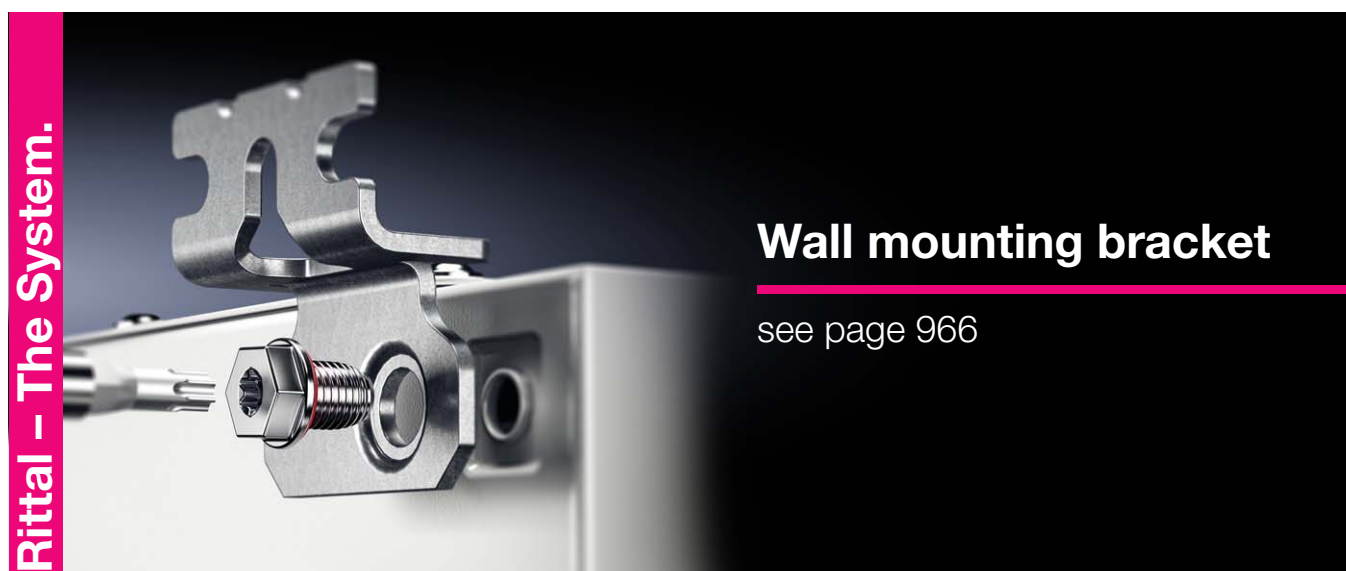
Mini-comfort handle AX

see page 940

Small enclosures KX

E-Box KX, sheet steel, depth 120 mm

Width (B) mm	Packs of	150	150	200	200	200	200	300	300	Page
Height (H) mm		150	300	200	300	400	500	300	400	
Depth (T) mm		120	120	120	120	120	120	120	120	
Mounting plate width (F) mm		125	125	175	175	175	175	275	275	
Mounting plate height (G) mm		135	285	185	285	385	485	285	385	
Material thickness – enclosure mm		1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	
Material thickness – door mm		1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	
Material thickness – mounting plate mm		2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
Model No.	1 pc(s).	1553.000	1548.000	1549.000	1554.000	1550.000	1557.000	1555.000	1556.000	
Weight kg		1.72	2.93	2.64	3.63	4.62	5.57	5.14	6.38	
Accessories										
Wall mounting bracket, for AX sheet steel, KX sheet steel	4 pc(s).	1590.010	1590.010	1590.010	1590.010	1590.010	1590.010	1590.010	1590.010	965
Pole clamp	2 pc(s).	2584.100	2584.100	2584.100	2584.100	2584.100	2584.100	2584.100	2584.100	968
Support rails TS 35/7.5	10 pc(s).	2314.000	2314.000	2315.000	2315.000	2315.000	2315.000	2316.000	2316.000	997
Mounting clip for support rails	30 pc(s).	2309.000	2309.000	2309.000	2309.000	2309.000	2309.000	2309.000	2309.000	997
Mounting bracket	4 pc(s).	4597.000	4597.000	4597.000	4597.000	4597.000	4597.000	4597.000	4597.000	999
Rail mounting bracket	20 pc(s).	2366.000	2366.000	2366.000	2366.000	2366.000	2366.000	2366.000	2366.000	1002
Mini-comfort handle AX for lock inserts or profile half-cylinders	1 pc(s).	2537.100	2537.100	2537.100	2537.100	2537.100	2537.100	2537.100	2537.100	940
Mini-comfort handle AX for padlocks and lock inserts or profile half-cylinders	1 pc(s).	2537.300	2537.300	2537.300	2537.300	2537.300	2537.300	2537.300	2537.300	940
Lock insert 7 mm square	1 pc(s).	2460.000	2460.000	2460.000	2460.000	2460.000	2460.000	2460.000	2460.000	941
Lock insert 8 mm square	1 pc(s).	2461.000	2461.000	2461.000	2461.000	2461.000	2461.000	2461.000	2461.000	941
Lock insert 7 mm triangular	1 pc(s).	2462.000	2462.000	2462.000	2462.000	2462.000	2462.000	2462.000	2462.000	941
Lock insert 8 mm triangular	1 pc(s).	2463.000	2463.000	2463.000	2463.000	2463.000	2463.000	2463.000	2463.000	941
Lock insert, screwdriver	1 pc(s).	2464.000	2464.000	2464.000	2464.000	2464.000	2464.000	2464.000	2464.000	941
Lock insert Daimler	1 pc(s).	2465.000	2465.000	2465.000	2465.000	2465.000	2465.000	2465.000	2465.000	941
Lock insert 3 mm double-bit	1 pc(s).	2466.000	2466.000	2466.000	2466.000	2466.000	2466.000	2466.000	2466.000	941
Lock insert Fiat	1 pc(s).	2307.000	2307.000	2307.000	2307.000	2307.000	2307.000	2307.000	2307.000	941
Lock insert 6.5 mm triangular	1 pc(s).	2460.650	2460.650	2460.650	2460.650	2460.650	2460.650	2460.650	2460.650	941
Earth straps	5 pc(s).	2565.050	2565.050	2565.050	2565.050	2565.050	2565.050	2565.050	2565.050	1033
Baying kit	1 pc(s).	1199.100	1199.100	1199.100	1199.100	1199.100	1199.100	1199.100	1199.100	916
Pressure relief stopper	5 pc(s).	2459.500	2459.500	2459.500	2459.500	2459.500	2459.500	2459.500	2459.500	900
Condensate discharge	6 pc(s).	2459.000	2459.000	2459.000	2459.000	2459.000	2459.000	2459.000	2459.000	900
Self-tapping screws	300 pc(s).	2487.000	2487.000	2487.000	2487.000	2487.000	2487.000	2487.000	2487.000	1004
Connector gland, small	5 pc(s).	2400.500	2400.500	2400.500	2400.500	2400.500	2400.500	2400.500	2400.500	1047



Rittal – The System.

Wall mounting bracket


see page 966

E-Box KX, sheet steel, depth 155 mm

Width (B) mm	Packs of	200	300	300	300	300	380	Page
Height (H) mm		300	300	400	600	800	300	
Depth (T) mm		155	155	155	155	155	155	
Mounting plate width (F) mm		175	275	275	275	275	365	
Mounting plate height (G) mm		285	285	385	585	785	275	
Material thickness – enclosure mm		1.25	1.25	1.25	1.25	1.25	1.25	
Material thickness – door mm		1.25	1.25	1.25	1.25	1.25	1.25	
Material thickness – mounting plate mm		2.0	2.0	2.0	2.0	2.0	2.0	
Model No.	1 pc(s).	1574.000	1575.000	1577.000	1578.000	1579.000	1576.000	
Weight kg		3.98	5.50	6.98	10.30	12.80	6.64	
Accessories								
Wall mounting bracket, for AX sheet steel, KX sheet steel	4 pc(s).	1590.010	1590.010	1590.010	1590.010	1590.010	1590.010	965
Pole clamp	2 pc(s).	2584.100	2584.100	2584.100	2584.100	2584.100	2584.100	968
Support rails TS 35/7.5	10 pc(s).	2315.000	2316.000	2316.000	2316.000	2316.000	2317.000 ¹⁾	997
Mounting clip for support rails	30 pc(s).	2309.000	2309.000	2309.000	2309.000	2309.000	2309.000	997
Mounting bracket	4 pc(s).	4597.000	4597.000	4597.000	4597.000	4597.000	4597.000	999
Rail mounting bracket	20 pc(s).	2366.000	2366.000	2366.000	2366.000	2366.000	2366.000	1002
Mini-comfort handle AX for lock inserts or profile half-cylinders	1 pc(s).	2537.100	2537.100	2537.100	2537.100	2537.100	2537.100	940
Mini-comfort handle AX for padlocks and lock inserts or profile half-cylinders	1 pc(s).	2537.300	2537.300	2537.300	2537.300	2537.300	2537.300	940
Lock insert 7 mm square	1 pc(s).	2460.000	2460.000	2460.000	2460.000	2460.000	2460.000	941
Lock insert 8 mm square	1 pc(s).	2461.000	2461.000	2461.000	2461.000	2461.000	2461.000	941
Lock insert 7 mm triangular	1 pc(s).	2462.000	2462.000	2462.000	2462.000	2462.000	2462.000	941
Lock insert 8 mm triangular	1 pc(s).	2463.000	2463.000	2463.000	2463.000	2463.000	2463.000	941
Lock insert, screwdriver	1 pc(s).	2464.000	2464.000	2464.000	2464.000	2464.000	2464.000	941
Lock insert Daimler	1 pc(s).	2465.000	2465.000	2465.000	2465.000	2465.000	2465.000	941
Lock insert 3 mm double-bit	1 pc(s).	2466.000	2466.000	2466.000	2466.000	2466.000	2466.000	941
Lock insert Fiat	1 pc(s).	2307.000	2307.000	2307.000	2307.000	2307.000	2307.000	941
Lock insert 6.5 mm triangular	1 pc(s).	2460.650	2460.650	2460.650	2460.650	2460.650	2460.650	941
Earth straps	5 pc(s).	2565.050	2565.050	2565.050	2565.050	2565.050	2565.050	1033
Baying kit	1 pc(s).	1199.100	1199.100	1199.100	1199.100	1199.100	1199.100	916
Pressure relief stopper	5 pc(s).	2459.500	2459.500	2459.500	2459.500	2459.500	2459.500	900
Condensate discharge	6 pc(s).	2459.000	2459.000	2459.000	2459.000	2459.000	2459.000	900
Self-tapping screws	300 pc(s).	2487.000	2487.000	2487.000	2487.000	2487.000	2487.000	1004
Connector gland, small	5 pc(s).	2400.500	2400.500	2400.500	2400.500	2400.500	2400.500	1047

¹⁾ Must be cut to length accordingly

Rittal – The System.



Sealing frame, modular

see page 1048

Bus enclosures KX – Added clarity



Flexibility

- Depending on requirements, the enclosures may be fitted with support rails or mounting plates.
- The support rails may optionally be fitted on the front of the integral perforated mounting strip or, to maximise the enclosure depth, directly onto the rear wall of the enclosure.

Precision

- The quick-release fastener is very simple to operate. A quarter of a turn is sufficient to correctly centre the cover while locking; this ensures all-round air-tight positioning.

Access

- The wide door opening angle of up to 180° gives you plenty of space to fit and replace modules quickly and easily. The large viewing window is convenient for continuously monitoring the components inside the enclosure.

Ease of assembly

- The standard eyelet in the rear panel allows rapid screw-fastening of the wall mounting bracket from the outside with a self-tapping screw; no need for a lock nut on the inside. The high protection category is retained in full.



Small enclosures KX



System accessories Page 877 **Bus enclosures KX, stainless steel** Page 234

Material:

- Enclosure: Sheet steel
- Cover: Sheet steel, all-round foamed-in PU seal
- Viewing window: Polycarbonate, 4 mm

Surface finish:

- Enclosure and cover: Dipcoat-primed, powder-coated on the outside, textured paint

Colour:

- RAL 7035

Protection category IP to IEC 60 529:

- IP 65

Protection category NEMA:

- NEMA 12

Supply includes:

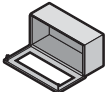
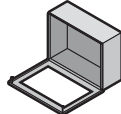
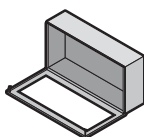
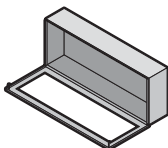
- Enclosure with hinged cover
- Viewing window in cover
- Mini cam lock

Approvals:

- UL
- cUL

Further approvals can be found on the Internet.

Bus enclosures KX, sheet steel

						
Width mm	Packs of	400	400	600	800	Page
Height mm		200	300	300	300	
Depth mm		155	155	155	155	
Material thickness – enclosure mm		1.25	1.25	1.25	1.25	
Material thickness – cover mm		1.25	1.25	1.25	1.25	
Model No.	1 pc(s).	1610.000	1611.000	1612.000	1613.000	
Weight kg		2.36	4.72	5.47	7.78	
Accessories						
Wall mounting bracket, for AX sheet steel, KX sheet steel	4 pc(s).	1590.010	1590.010	1590.010	1590.010	965
Pole clamp	2 pc(s).	2584.100	2584.100	2584.100	2584.100	968
Mounting plates	1 pc(s).	1564.800	1568.800	1570.800	1570.810	970
Support rails TS 35/7.5	10 pc(s).	2317.000	2317.000	2319.000	2317.000	997
Mounting clip for support rails	30 pc(s).	2309.000	2309.000	2309.000	2309.000	997
Mounting bracket	4 pc(s).	4597.000	4597.000	4597.000	4597.000	999
Rail mounting bracket	20 pc(s).	2366.000	2366.000	2366.000	2366.000	1002
Mounting claw for second mounting level	20 pc(s).	2309.100	2309.100	2309.100	2309.100	998
Pressure relief stopper	5 pc(s).	2459.500	2459.500	2459.500	2459.500	900
Condensate discharge	6 pc(s).	2459.000	2459.000	2459.000	2459.000	900
Baying kit	1 pc(s).	1199.100	1199.100	1199.100	1199.100	916
Earth straps	5 pc(s).	2565.050	2565.050	2565.050	2565.050	1033
Self-tapping screws	300 pc(s).	2487.000	2487.000	2487.000	2487.000	1004
Connector gland, small	5 pc(s).	2400.500	2400.500	2400.500	2400.500	1047