

# Cable Entry System

## KDL/H



The cable entry system type KDL/H is produced with the process of diecasting and provides the entry and lead through of pre-assembled cables. The KDL/H-system is a divisible system that offers an easy and quick installation in the control cabinet and clamping box for up to 48 pre-assembled cables with a very high packing density.

### Special advantages of the KDL/H:

- Cable installation without interruption
- Standard cut-out dimension
- Easy assembly
- High protection class up to IP 69K (in combination with suitable housing)
- Very stable construction
- Integrated strain relief




### KDL/H 24/12

KDL/H = cable entry system, "heavy"  
 24 = fits to 24-pin connector  
 12 = number of cable entry grommets

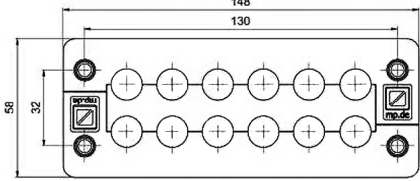
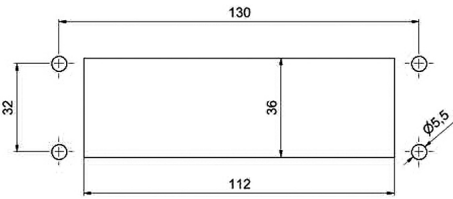
DESCRIPTION	PART NUMBER	SMAL GROMMETS	LARGE GROMMETS	DIMENSIONS LXWXH	CUT-OUT	WEIGHT	PACKING UNIT
System*	Black	Number		In mm		In g/pc.	Pieces
KDL/H 24/12, Set	87141410	12	—	140x49x18	112x36	415	1

\*System includes: frame KDL/H 24 (87141450) and cable entry block KDB 24/12 (87141054)

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	DESCRIPTION	PART NUMBER	CLAMPING RANGE	TYPE OF GROMMET	WEIGHT	PACKING UNIT
		Black	In mm		In g/pc.	Pieces
	KDT/X 02	87141210	2-3	small	6	12
	KDT/X 03	87141212	3-4	small	6	12
	KDT/X 05	87141216	5-6	small	5	12
	KDT/X 07	87141220	7-8	small	5	12
	KDT/X 09	87141224	9-10	small	4	12
	KDT/X 11	87141228	11-12	small	3	12
	KDT/X 2x2	87141275	2x2	small	6	12
	KDT/X 2x3	87141277	2x3	small	6	12
	KDT/X 2x4	87141279	2x4	small	5	12
	KDT/X 4x2	87141276	4x2	small	5	12
	KDT/X 4x3	87141278	4x3	small	5	12
	KDT/X 4x4	87141280	4x4	small	4	12
	BTK/X	87141270	0	small	5	12

## Entire System Data

	CHARACTERISTICS	UNIT	VALUE	TEST METHOD
<p><b>KDL/H 24/xx</b></p>  <p><b>Cut-out</b></p> 	<p><b>Material</b></p> <ul style="list-style-type: none"> <li>Housing: ZN</li> <li>Grommets and grommet holder: TPE</li> </ul>			
	<p><b>System Characteristics</b></p> <ul style="list-style-type: none"> <li>Liquid tightness KDL/H</li> <li>Bolting torque</li> </ul>	IP Nm	bis 69K 4,5 – 5,5	EN 60529
	<p><b>Thermal Characteristics</b></p> <ul style="list-style-type: none"> <li>Temperature range</li> </ul>	°C	-30...+100	
	<p><b>Flame Characteristics</b></p> <ul style="list-style-type: none"> <li>Free of halogen</li> <li>Flame class</li> </ul>		Yes V0	UL 94
	<p><b>Chemical Resistance</b></p> <p>resistance to weak acids and bases, fuels, alcohols, mineral oils and greases</p>		Good	

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