Distribution boards with solder and insulation piercing technology

The ABB range of distribution boards includes solder technology and insulating piercing technology with identical types of housing. The housing is made from robust white plastic (RAL 9003).
The soldered distribution boards (apart from SAD8L) each have 2 tin-plated solder tags per pole, whereby the heat generated during the soldering process is quickly discharged. The cover contacts are brought out separately.
Types SAD(D)8 and UP8(16) have been designed for the connection of detectors using Z wiring i.e. the left and right side are permanently interconnected.
The larger distribution boards are suitable for the distribution of the wiring system and therefore have an additional pair of terminals for transferring the cable shield. In insulating piercing technology, the connections between the dual poles in these types can be separated by pinching off the wiring jumpers.
All the distribution boards are supplied with fixing screws and plugs as well as a terminal diagram. The VdS-certified types are supplied with an additional seal for bonding the housing screws.
An acknowledgement buzzer is integrated in the block lock distribution board SADD56B. The housing is prealigned for locating a cable junction SKÜS.

General notes about insulation piercing technology:

Only 2 wires may then be clamped in a terminal if they have the same diameter (JY(ST)-Y 0.6 or 0.8).
Litz wires (LIYY) may be clamped if the individual cores are tin-plated; this is the case for the passive glass-breakage sensors SPGS, magnetic contacts and the vibration detector EMA from ABB.

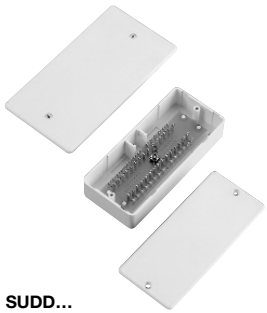
Plastic distribution boards, white

Short code	VdS-No.	Order no.	Description
Plastic distribution boards with solder tag strip, white			
SAD8L		GHQ 305 0004 R0001	8x2 pole, surface-mounted, 35x75x22 mm
Plastic distribution boards with tin-plated solder tags on the printed circuit-board, white with cover contact, VdS			
SADD8L	**G 102 017**	GHQ 305 0009 R0001	8x2 pole, surface-mounted, 35x75x22 mm
SADD28L	**G 102 016**	GHQ 305 0016 R0001	28x2 pole, surface-mounted, 114x50x25mm
SUDD28L		GHQ 305 0005 R0001	28x2 pole, flush-mounted, 114x50x25mm
SADD56L	**G 102 018**	GHQ 305 0010 R0001	56x2 pole, surface-mounted, 114x114x25mm
SADD56B	**G 102 018**	GHQ 305 0011 R0001	56x2 pole, **as block lock distribution board** with buzzer, without cable junction, 114x114x25mm
Plastic distribution boards with insulation piercing terminal strip, white with cover contact, VdS			
SADD8S	**G 102 017**	GHQ 305 0012 R0001	8x2 pole, surface-mounted, 35x75x22 mm
SADD15S	**G 102 016**	GHQ 305 0006 R0001	15x2 pole, surface-mounted, 114x50x25mm
SUDD15S		GHQ 305 0013 R0001	15x2 pole, flush-mounted, 114x50x25mm
SADD30S	**G 102 018**	GHQ 305 0014 R0001	30x2 pole, surface-mounted, 114x114x25mm
Distribution board for insertion in 60 mm box, with cover contact, VdS			
UP16L	**G 102 015**	GHQ 305 0007 R0001	16x2pole, solder tag strip
UP8S	**G 102 015**	GHQ 305 0015 R0001	8x2 pole, LSA strip

Distribution boards with solder and insulation piercing technology

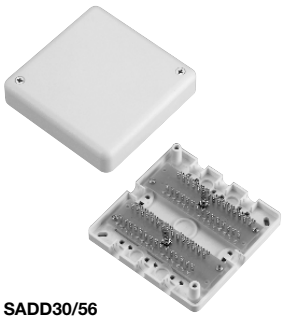
SAD...8...

SK 094 B01



SUDD...

SK 093 B01

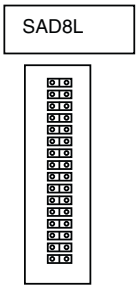


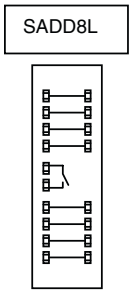
SADD30/56

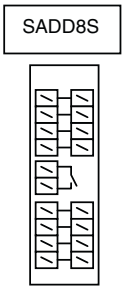
SK 095 B01

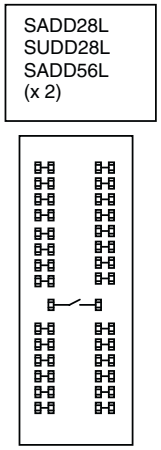
UP16

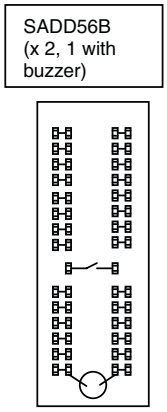
SK 091 B01

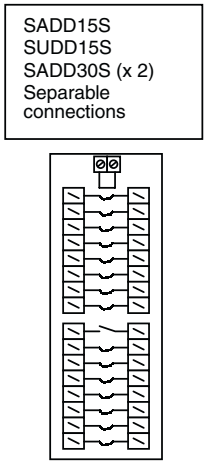


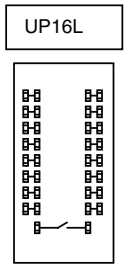


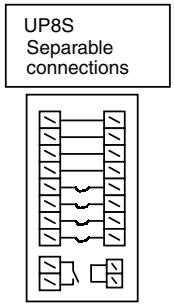




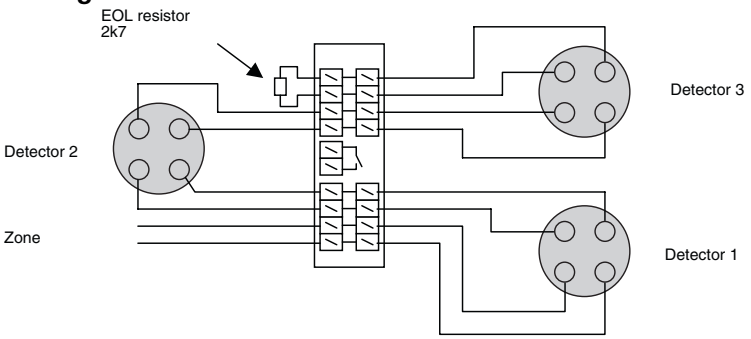








Example of Z wiring with 3 magnetic reed contacts with SADD8S:



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