



## CLASS 1, DIV. 2-RATED CONTACT BLOCKS FOR 30MM PUSHBUTTONS

# Keeping you safe in hazardous locations

Siemens strives to help you achieve the highest level of safety with ease. It's important to us to provide you with easy switching, pilot devices and pushbuttons while meeting safety compliance regulations. Your applications can rely on our security products.

That's why the trusted and reliable pushbuttons that you have come to depend on are now available with Class 1 Div. 2 hazardous location contact blocks. Our class 52, 30mm pushbuttons and devices now come with contact blocks that are rated to be used in Class 1 – flammable gases, flammable liquid-produced vapors and combustible liquid-produced vapors.

### Why you need Class 1, Div. 2 Contact Blocks

- Contact blocks quickly snap on your switches, pilot devices and pushbuttons, making your life easier
- Gives you UL / cUL Approved ratings for use in both ordinary and hazardous locations, CL1, DIV2

**SIEMENS**

# Application

These contact blocks are suitable for the following industries: oil and gas, mining, chemical, and mills. Additionally, a 16 amp rating means that these can be used in ordinary environments, such as direct-starting motors and/or tungsten-lighting ratings without an interposing relay.

## Touchsafe contact blocks for UL / cUL Ordinary Location & Hazardous Location, CL1, DIV2

Product No.	Number of NO contacts	Number of NC contacts	Version	Contact version
52BAKHL <sup>1,2</sup>	1	0	1 NO	Factory Sealed
52BAJHL <sup>1,2</sup>	0	1	1 NC	Factory Sealed
52BJKHL <sup>1</sup>	1	1	1 NO - 1 NC	Factory Sealed

<sup>1</sup> HL Series Contact Blocks are Rated ½ HP@120Vac / 1 HP@208/240/277Vac. See Instruction Sheet E87010-0524-T003-A3, for complete ratings.

<sup>2</sup> HL Series Single-contact Blocks are rated 690Vac, 16A, 50-60Hz, See Instruction Sheet E87010-0524-T003-A3, for complete ratings.



Published by  
Siemens Canada Limited 2021

Siemens Canada Limited  
1577 North Service Road East  
Oakville, ON L6H0H6

Customer Interaction Centre  
Tel: 1 (888) 303-3353  
cic.ca@siemens.com

Printed in Canada | All Rights Reserved  
© 2021, Siemens Canada Limited  
Order no. CP-0050-0615

The technical data presented in this document is based on an actual case or on as-designed parameters, and therefore should not be relied upon for any specific application and does not constitute a performance guarantee for any projects. Actual results are dependent on variable conditions. Accordingly, Siemens does not make representations, warranties, or assurances as to the accuracy, currency or completeness of the content contained herein. If requested, we will provide specific technical data or specifications with respect to any customer's particular applications. Our company is constantly involved in engineering and development. For that reason, we reserve the right to modify, at any time, the technology and product specifications contained herein.

## North American ratings:

Class I, Zone 1, AEx de IIC (US)  
Ex de IIC X (CAN)  
Class I, Division 2, Groups A, B, C, D  
50°C ≤ T ambient ≤ +60°C

## Electrical Ratings:

**NO and NC Styles:**  
690Vac, 16A, 50-60Hz  
60Vdc, 5A; 110Vdc, 2A;  
250Vdc, 1.5A; 600Vdc, 0.2A  
½ HP@120Vac  
1 HP@208/240/277Vac  
A600/P600 – Pilot Duty  
350Vac 16A Tungsten Lamp

**NO+NC (Universal) Style:**  
690Vac, 10A, 50-60Hz  
60Vdc, 5A; 110Vdc, 2A;  
250Vdc, 1.5A; 600Vdc, 0.2A  
½ HP@120Vac  
1 HP@208/240/277Vac  
A600/P600 – Pilot Duty  
350Vac 10A Tungsten Lamp

## Wiring Instructions:

WIRE STRIP – ⅜ in.  
TORQUE 20 – LB in.

## Wire range with 1 OR 2 wires:

#22 to #12 AWG (SOL & STR) and  
#10 AWG (STR)

## UL and CSA Standards Applied:

CSA 60079-0 / UL 60079-0  
CSA 60079-7 / UL 60079-7  
CSA 60079-1 / UL 60079-1  
UL508 / CSA C22.2 No. 14

## IEC Electrical Ratings and Utilization Codes:

**NO and NC Styles:**  
AC690V 16A AC-15, 50-60Hz  
DC60V 5A DC-13  
DC110 2A DC-13  
DC250 1.5A DC-13  
DC600 0.2A DC-13

**NO+NC (Universal) Style:**  
AC690V 10A AC-15, 50-60Hz  
DC60V 5A DC-13  
DC110 2A DC-13  
DC250 1.5A DC-13  
DC600 0.2A DC-13

## Wire Allowances:

WIRE STRIP – 10mm TORQUE – 2.26 N m

## Wire range with 1 OR 2 wires:

0.5 to 2.5mm<sup>2</sup> (SOL & STR) and  
4.0mm<sup>2</sup> (STR)

## IEC and BS EN Standards Applied (#):

IEC/EN 60079-0  
IEC/EN 60079-7  
IEC/EN 60079-1  
IEC 60947-5-1