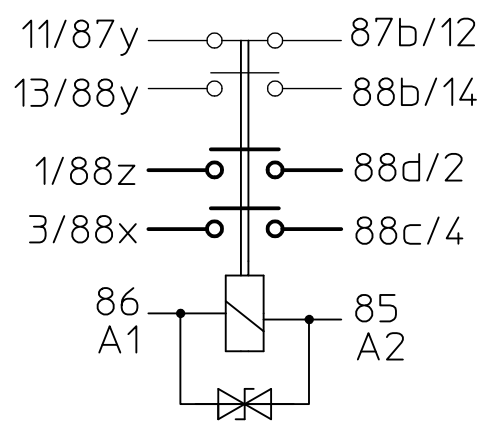


CIRCUIT



Third Angle Projection

ORDER NO.:
 29-341-02A WITHOUT SUPPRESSION
 29-341-12A WITH SUPPRESSION

DIMENSIONAL TOLERANCES
 3 PLACE DECIMAL ± 0.010
 2 PLACE DECIMAL ± 0.03
 ANGULAR ± 0°30'

Drawn	Date	Name	mm	Scale		Drawing No:
Check	19.02.2015	Hamar	General Tolerances DIN ISO 2768 cL	-		29-341-02A_12A
						NSN:

TECHNICAL DATA

ENVIRONMENTAL CHARACTERISTICS

TEMPERATUR RANGE.....-40°C TO +85°C (-40°F TO +185°F)
MAX. ALTITUDE RATING.....50 000FT
SEAL.....IP67 (6FEET/0,2BAR-1MIN.) I.A.W.IEC 529
IP6K9K (STEAM PRESSURE) DIN 40050 PART 9 AND I.A.W.IEC 529
SHOCK G-LEVEL.....6G/11 MSEC
VIBRATION.....4G/50-2000 Hz

ELECTRICAL CHARACTERISTICS

MIN.INSULATION RESISTANCE;INITIAL.....100 MEGOHMS
AFTER LIFE OR ENVIRONMENTAL.....50 MEGOHMS
DIELECTRIC WITHSTANDING VOLTAGE SEA-LEVEL 1MINUTE.....1 050 VOLTS
ALTITUDE 1MINUTE.....500 VOLTS
MAX.CONTACT DROP INITIAL.....0,15 VOLTS
AFTER LIFE TEST.....0,175 VOLTS
OVERLOAD.....2x2400 AMP FOR 1 SEC.,2x600 AMP FOR 20 SEC
DUTY RATING.....2x300AMP CONTINUOUS

AUXILIARY CONTACT

CONTINUOUS CURRENT.....2 AMP
MAKE AND BREAK.....2 AMP

RATED CONTACT LOAD

RESISTIVE LOAD.....200 000 CYCLES WITH 300 AMP
INDUCTIVE LOAD.....40 000 CYCLES WITH 75 AMP
ENDURANCE.....2 000 000 CYCLES

OPERATING CHARACTERISTICS

COIL DATA

VOLTAGE RANGE.....18-32 VDC
NOMINAL VOLTAGE.....24 VDC
PICK UP VOLTAGE MAX.18 VDC FULL TEMP.RANGE
DROP OUT VOLTAGE MAX.<4 VDC FULL TEMP.RANGE
COIL RESISTANCE.....36 OHMS ±10%
COIL CURRENT APPROX.0.8 AMP
COIL POWER APPROX.22 WATT

TIME MILLISECONDS-MAX.

OPERATE (Closing).....60
BOUNCE.....5
RELEASE (Opening).....30

WEIGHT.....1,6kg= 3,53 POUND MAX.
WIRE SECTION (AT NOMINAL LOAD).....MIN. 95mm2/0,147 sq. in./ AWG 0000

MOUNTIG POSITION.....OPTIONAL

SUBJECT TO CHANGE

Table with columns: Date, Name, mm, Scale, Drawing No., and drawing details. Includes entries for Date (21.12.2011, 19.02.2015), Name (Hamar), mm (arrow pointing left), Scale (dash), Drawing No. (29-341-02A_12A), and a logo for 300VDC.